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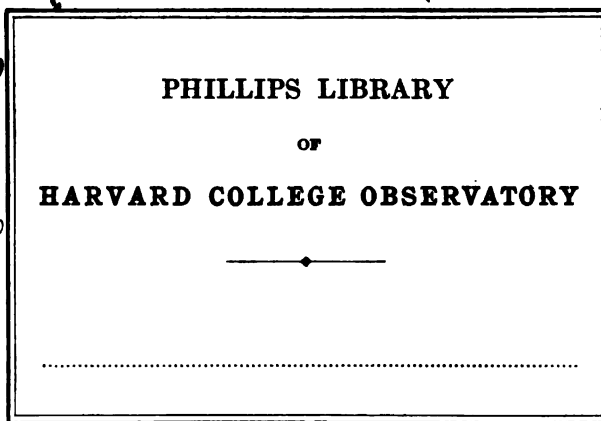


AC Sept.  
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QE6.0  
1875  
Kam<sub>2</sub>  
c. 1









3201

# CATALOG VON STERNEN,

deren Oerter durch selbständige Meridian-Beobachtungen

BESTIMMT WORDEN SIND,

AUS BAND 67 BIS 112

DER ASTRONOMISCHEN NACHRICHTEN

REDUCIRT AUF 1875,0

VON

DR. N. M. KAM,

*Docent der Mathematik und Physik am Gymnasium in Schiedam.*

NACH DESSEN TOD HERAUSGEGEBEN

VON

H. G. VAN DE SANDE BAKHUYZEN.

*Veröffentlicht von der Königlichen Akademie der Wissenschaften zu Amsterdam.*



AMSTERDAM

J O H. M Ü L L E R.

1901.

1. 7/11/18  
39

## VORWORT.

Der verstorbene Dr. N. M. Kam, früher Observator der Leidener Sternwarte, seit 1866 Docent der Mathematik und Physik am Gymnasium in Schiedam, reichte in der Sitzung der math. phys. Cl. der Akademie der Wissenschaften in Amsterdam, 1894 Mei 26, in Anschluss an seinen Catalog der Sterne aus Band 1—66 der Astron. Nachrichten, bei der Akademie einen neuen Catalog von Sternen, deren Oerter durch selbständige Meridianbeobachtungen bestimmt worden sind, aus Band 67 bis 112 der Astron. Nachrichten, reducirt auf 1875,0, zur Veröffentlichung ein.

In der Sitzung von 1894 Juni 30 fasste die Akademie, infolge eines Gutachtens der Herren J. C. A. Oudemans und J. C. Kapteyn, in welchem der hohe wissenschaftliche Werth dieses Catalogs betont wurde, den Beschluss die Publication zu übernehmen, und, obwohl das Manuscript noch nicht ganz fertig war, wurde der Druck sofort in Angriff genommen.

Leider war es dem eifrigen und gewissenhaften Gelehrten nicht vergönnt die Herausgabe seines Werkes zu erleben, da er kaum 2 Jahre später nach einer kurzen Krankheit, 1896 März 4, starb, als der Druck des Catalogs bis S. 144, die ersten 9 Stunden in R. A. enthaltend, abgedruckt vorlag. Bald nach dem Tod meines hochverehrten Freundes empfing ich von seinen Verwandten, seiner Schwester und seinen Brüdern, das Manuscript und sonstige sich auf den Catalog beziehenden Documente und Briefe, und da niemand anders die weitere Herausgabe des Catalogs übernehmen konnte, entschloss ich mich, obwohl ich nur sehr wenig Zeit darauf verwenden konnte, die Publication, so weit meine anderen Arbeiten es gestatteten, fortzusetzen.

Es stellte sich heraus, dass der Manuscript-Catalog zum grössten Theile fertig war. Die definitiven Oerter mit Präcession u. s. w., so wie die Quellen aus denen sie entlehnt sind, waren alle in Tabellen eingetragen, nur fehlte das 3<sup>e</sup> Glied der Präcession für die letzten 6 Stunden, welche Prof. J. C. Kapteyn die Güte hatte berechnen zu lassen. Weiter fanden sich unter Kam's Papieren mehrere Bemerkungen, Sterne seines Catalogs betreffend, bei denen über die Richtigkeit der Oerter oder sonstige Angaben Zweifel bestand, welche durch Beobachtungen, Berechnungen, oder Nachschlagen in anderen Catalogen aufgehoben werden musste.

Von den Noten war ein Theil N<sup>o</sup>. 1—N<sup>o</sup>. 661 und ferner N<sup>o</sup>. 951 —N<sup>o</sup>. 1243 in definitiver Form redigirt, und für die übrigen Sterne waren die Bemerkungen, dem Hauptinhalt nach, zusammengestellt. Ferner fand ich verschiedene Briefe und Tabellen von mehreren Astronomen, besonders von Dr. Knorre, Dr. Palisa und dem verstorbenen Dr. Romberg, woraus ich viele Details über die Beobachtungen ableiten konnte. Im April 1897 habe ich mit der Bearbeitung des Manuscripts und der Fortsetzung des Drucks einen Anfang gemacht, und ich bedauere lebhaft, dass, theils durch meine vielen anderen Arbeiten, theils auch durch den langsamen Fortgang des Druckes, erst jetzt der Band abgeschlossen werden kann.

Prof. J. A. C. Oudemans hatte die Güte während einiger Zeit die Correcturbogen zu lesen und später ist auch Herr Pannekoek mir dabei behülflich gewesen. Diesen beiden Herren, so wie Prof. J. C. Kapteyn, der, wie bereits erwähnt, das 3<sup>e</sup> Glied der Präcession für einen Theil der Sterne hat berechnen lassen, meinen besten Dank.

Es ist mir unmöglich gewesen alle Zahlen in Kam's Catalog zu controliren; wenn kein besonderer Anlass vorlag Fehler zu vermuthen, habe ich die von Kam niedergeschriebenen Zahlen unverändert beibehalten und nur einige augenfällige Fehler verbessert. Die grosse Sorgfalt mit welcher Kam alle Zahlen doppelt berechnet und controlirt hat, bietet jedoch eine gute Garantie für die Richtigkeit seiner Zahlen, Reductionen und Berechnungen. So weit diese von mir selbst herkommen, habe ich dieselben immer durch doppelte Rechnung controlirt.



Die von Kam und von mir nach dem Druck gefundenen Berichtigungen und Zusätze habe ich dem Vorworte folgen lassen.

Die Beobachtungsergebnisse und die Details der Beobachtungen sind zum grössten Theil Druckschriften entlehnt, zum Theil jedoch hat Kam und habe auch ich später den oben erwähnten brieflichen Mittheilungen von verschiedenen Astronomen über neue Beobachtungen, über Fehler in früheren Angaben, über die Zahl der Beobachtungen, Sterngrösse, Epoche, u. s. w. viel entlehnen können. Im Namen meines verstorbenen Freundes bringe ich diesen Herren, deren Briefe ich in Kam's Nachlass fand, meinen lebhaften Dank, namentlich den Herren Prof. A. Auwers, Dr. E. F. v. d. S. Bakhuyzen, Prof. E. Becker, Prof. H. Bruns, Prof. Deichmüller, Prof. J. C. Kapteyn, Prof. V. Knorre, Dr. J. Palisa, Herrn A. Pannekoek, Dr. Peter und Herrn Lector J. H. Wilterdink, sowie den verstorbenen Herren Prof. Schur und Dr. Romberg; dem letzteren verdankte Dr. Kam besonders zahlreiche Mittheilungen.

Sehr bedauere ich über die Bearbeitung des Catalogs wenig Einzelheiten mittheilen zu können. Bei der Einreichung im Jahre 1894 hatte Kam seiner Arbeit eine Einleitung vorangeschickt, welche, nach dem Bericht der Berichterstatter, interessante Bemerkungen u. a. über die Art der Beobachtungen und Reductionen an den 43 in Kam's Catalog erwähnten Sternwarten enthielt. Aber weder die Durchmusterung seiner Papiere, noch die Nachforschungen bei seinen Verwandten und bei der Akademie haben mir über diese Einleitung Aufschluss geben können.

Ueber die Einrichtung des Catalogs kann ich Folgendes mittheilen. Sie ist eine andere als die des ersten Catalogs. Kam hat die Unterabtheilung in drei Verzeichnisse: 1<sup>o</sup>. Vollständige Meridianbeobachtungen, 2<sup>o</sup>. selbständige Meridianbeobachtungen von Sternen, welche mit Sternpositionen aus anderen Quellen verbunden worden sind, 3<sup>o</sup>. unvollständige Meridianbeobachtungen, nicht beibehalten, sondern alle Positionen in einen Catalog vereinigt. Auch hat Dr. Kam die Vergleichung mit anderen Catalogspositionen und alles was er sonst über den Stern zu bemerken hatte zusammengestellt, oder wenn nöthig in die Noten aufgenommen.

Die Angaben für jeden Stern finden sich auf zwei einander gegenüberstehenden Seiten. Auf der linken Seite findet man:

- Col. 1 die Catalognummer;
- Col. 2 die Nummer der nördl. oder südl. Bonner Durchmusterung, wenn der Stern sich in diesen Catalogen findet;
- Col. 3, 4 und 5 die Grösse nach der B. D., nach dem Band der Astron. Nachrichten, dem der Catalogsort entlehnt ist, und nach einem zweiten Verzeichniss oder Quelle, in Col. 4 der rechten Seite erwähnt;
- Col. 6 enthält die Epoche der angestellten Beobachtung;
- Col. 7 die Epoche, auf welche die Beobachtung in den A. N. reducirt ist;
- Col. 8 die auf 1875,0 reducirte mittlere A. R.;
- Col. 9 die Zahl der Beobachtungen in A. R.;
- Col. 10, 11 und 12 die Präcession, *variatio saecularis* und das dritte Glied in A. R.
- Col. 13 bis 17 enthalten dieselben Angaben für die Declination.

Auf der rechten Seite findet man:

- Col. 1 die Catalognummer;
- Col. 2 Band und Seite der A. N., der den auf der linken Seite mitgetheilten Ort enthält. Wenn die Resultate derselben Beobachtung an zwei oder mehreren Stellen in den A. N. mitgetheilt sind, werden diese alle erwähnt.
- Col. 3 enthält den Namen des Beobachtungsorts und wo möglich auch den des Beobachters.
- Col. 4 enthält das Verzeichniss, welches eine zweite Position desselben Sterns enthält, oder die Art der Beobachtung, wodurch solch eine zweite Position erhalten ist.

Col. 5 und 6 enthalten die Secunden, oder, wo diese fehlen, die Minuten dieser zweiten Position in A. R. und Declination.

Col. 7 enthält die Bemerkungen und den Nachweis über die Noten am Schluss, nebst Angaben über weitere Positionen in anderen Catalogen, E. B. Duplicität, u. s. w.

Wie man aus Col. 4 „Quelle“ ersieht, hat Dr. Kam sein möglichstes gethan um durch Nachsuchen in anderen Catalogen, oder wo dieses nicht zum Ziele führte, durch Nachsuchen am Himmel oder durch specielle Refractor- und Meridian-Beobachtungen die Richtigkeit der Catalogspositionen zu prüfen; theilweise hat er selbst dazu einige Male am Leidener Refractor beobachtet; die meisten Beobachtungen sind jedoch auf seine Bitte von anderen Astronomen ausgeführt worden.

Noch zu erwähnen ist, dass die Reductionen auf das mittl. Aeq. 1875,0 alle mit der Struve'schen Präcession berechnet, und die Positionen van Lalande aus der Histoire Céleste mit Hülfe von v. Astens Tafeln reducirt sind.

Die Abkürzungen der in den Noten und Bemerkungen der Cataloge und Sternverzeichnisse angeführten Titel sind zum Theile selbstverständlich; ich habe sie jedoch in einer Tabelle S. VI zusammengestellt, und obwohl nicht immer vollkommen dieselben Abkürzungen angenommen sind, wird es doch leicht sein in dem Verzeichniss den Titel des entsprechenden Catalogs zu finden.

*Leiden*, Sept. 1901.

H. G. VAN DE SANDE BAKHUYZEN.

# BERICHTIGUNGEN UND ZUSÄTZE.

## CATALOG.

S. 3 N <sup>o</sup> . 30 Col. 6 statt 11".7 zu lesen 9".3	S. 99 N <sup>o</sup> . 1946 Col. 7 hinzuzufügen: Siehe Noten.
" 11 " 193 " 7 hinzuzufügen E.B. + 0".0503	" 102 " 2006 " 8 statt: 14 59.65 zu lesen: 14 59.55
+ 0".251 Paris <sub>3</sub> 805.	" 114 " 2271 " 8 " " " 5
" 17 " 287 " 4 statt 152 zu lesen 153	" 163 " 3208 " 7 hinzuzufügen: Siehe Noten.
" 19 " 360 " 5 " 8.6 " " 8.66	" 197 " 3890 " 7 " " " "
" 22 " 428 " 6 " 85.7 " " 85.90	" 197 " 3899 " 7 " " " "
" 22 " 433 " 2 " 9 40 " " 9 140	" 227 " 4509 " 7 " " " "
" 24 " 447 " 9 " 2 " " 1	" 238 " 4741 " 6 statt: .... zu lesen: 71.53
" 27 " 489 " 7 " Bloss " " Bloss	" 238 " 4743 " 6 " .... " " 71.51
" 28 " 540 " 13 " 20 50.1 " " 21 8.7	" 238 " 4746 " 6 " .... " " 74.48
" 28 " 553 " 5 " 7.8 " " 7-8	" 238 " " " 8 " 52.98 " " 53.08
" 30 " 600 " 9 " .. " " 2	" 238 " " " 13 " 38.6 " " 38.5
" 34 " 667 " 9 " 1 " " 2	" 238 " 4747 " 6 " .... " " 71.51
" 35 " 656 " 4 " 226 " " 326	" 238 " 4748 " 4 " .... " " 8.9
" 38 " 749 " 14 " 1 " " 2	" 238 " " " 6 " .... " " 61.50
" 39 " 730 " 4 " 264 " " 274	" 238 " 4758 " 4 " .. " " 9
" 39 " 743 " 1 " 7 3 " " 743	" 238 " " " 6 " .... " " 64.58
" 42 " 818 " 9 " 3 " " 2	" 240 " 4769 " 4 " 8.0 " " ....
" 45 " 846 " 3 " Könisberg " Königsberg	" 240 " " " 6 " 72.51 " " 65.52
" 51 " 982 " 7 " 31".3; 9 <sup>m</sup> 1 " 31".2; 9 <sup>m</sup> 2	" 240 " " " 7 " 72.0 " " 65.0
" 55 " 1079 " 7 " 2840 " " 2820	" 240 " 4784 " 4 " .. " " 6
" 59 " 1135 u. 1136. Die Bemerkung Col. 7 „siehe	" 240 " " " 6 " .... " " 66.07
Noten" bezieht sich auf 1136, nicht auf N <sup>o</sup> . 1135	" 240 " 4792 " 4 " .... " " 7.8
" 62 " 1229 Col. 5 statt 8.1 zu lesen 8.7	" 240 " " " 6 " .... " " 64.58
" 62 " 1234 " 5 " 8.7 " " 8.1	" 240 " 4793 " 6 " .... " " 64.61
" 64 " 1245 " 4 " .... " " 8.4	" 240 " 4797 " 6 " .... " " 78.66
" 64 " " " 6 " 85.7 " " 85.90	" 240 " " " 9 " .. " " 2
" 64 " " " 9 " .. " " 1	" 240 " " " 14 " .. " " 2
" 64 " " " 14 " .. " " 1	" 240 " 4798 " 6 " .... " " 78.67
" 64 " 1277 " 4 " .... " " 9.2	" 240 " " " 9 " .. " " 5
" 64 " " " 6 " 85.7 " " 85.90	" 240 " " " 14 " .. " " 4
" 65 " 1245 " 5 " 37.57 " " 37.53	" 240 " 4800 " 6 " .... " " 78.65
" 65 " 1273 " 6 " 24.9 " " 24.8	" 240 " " " 9 " .. " " 1
" 71 " 1386 " 4 " Cat <sub>2</sub> " " Cat <sub>3</sub>	" 240 " " " 14 " .. " " 1
" 87 " 1720 " 7 hinzuzufügen: Siehe Noten.	" 241 " 4798 " 3 " Schmidt " Steinbrink
" 95 " 1858 " 3 " R9mberg zu lesen: Romberg	" 242 " 4801 " 6 " .... " " 78.69

S. 242 N <sup>o</sup> . 4801 Col. 9	statt: ..	zu lesen: 2	S. 244 N <sup>o</sup> . 4854 Col. 6	statt: ....	zu lesen: 64.60
" 242 " " " 14	" ..	" 2	" 244 " 4855 " 4	" ....	" 8
" 242 " 4820 " 6	" ....	" 72.72	" 244 " " " 6	" ....	" 65.52
" 242 " 4822 " 4	" ....	" 9	" 244 " 4859 " 6	" ....	" 70.55
" 242 " " " 6	" ....	" 64.58	" 244 " 4860 " 4	" ....	" 9
" 242 " 4823 " 4	" ....	" 9	" 244 " " " 6	" ....	" 64.67
" 242 " " " 6	" ....	" 65.50	" 244 " 4864 " 6	" ....	" 69.65
" 242 " 4825 " 4	" ....	" 9 2	" 244 " 4865 " 4	" ....	" 7
" 242 " " " 6	" ....	" 66.07	" 244 " " " 6	" ....	" 65.64
" 242 " " " 9	" ..	" 2	" 244 " 4866 " 6	" ....	" 69.66
" 242 " " " 14	" ..	" 2	" 244 " 4870 " 4	" ....	" 8
" 242 " 4830 " 6	" ....	" 72.72	" 241 " " " 6	" ....	" 67.66
" 242 " 4835 " 4	" ....	" 9	" 244 " 4879 " 4	" ....	" 8
" 242 " " " 6	" ....	" 65.50	" 244 " " " 6	" ....	" 65.76
" 242 " 4840 " 6	" ....	" 70.55	" 265 " 5253 " 7	hinzuzufügen: Siehe Noten.	
" 243 " 4801 " 3	Schmidt	Steinbrink	" 305 " 6072 " 7	" " "	"
" 244 " 4843 " 4	" ....	" 7.8	" 311 " 6182 " 7	" " "	"
" 244 " " " 6	" ....	" 65.50	" 313 " 6217 " 7	„Siehe Noten“ zu streichen.	
" 244 " 4844 " 6	" ....	" 72.72	" 319 " 6338 " 7	statt: fehlschaft zu lesen: fehlerhaft	

## NOTEN.

Seite 332 sind folgende drei Noten hinzuzufügen.

- Nr. 982. Die Königsberger Declination ist nach Weisse und nach Berlin A. G. C. B. ungefähr 10" zu gross. Dieses wird bestätigt durch die Vergleichung des aus dieser Position abgeleiteten Ortes des Cometen 1867 I, Februari 4, mit den Oertern an demselben Abend in Königsberg und Berlin mittelst anderer Vergleichsterne bestimmt.
- " 985. Berlin A. G. C. B. hat 2<sup>h</sup> 56<sup>m</sup> 41<sup>s</sup>.96, 19° 37' 17".1 Ep. 1870.6, 2 Beob.
- " 991. Dieser Stern findet sich nicht in dem Verzeichniss A. N. 69 S. 68 der von Römberg in Berlin bestimmten Vergleichsterne.

## VERZEICHNISS DER IN DIESEM CATALOG VORKOMMENDEN ABKÜRZUNGEN DER TITEL VON STERNCATALOGEN.

- ALBANY A. G. C. Catalog der Astronomischen Gesellschaft. Erste Abtheilung, 14<sup>tes</sup> Stück. Zone 0° bis + 5°, beobachtet in Albany.
- ARGEL. (250 STERNE). Untersuchungen über die Eigenbewegungen von 250 Sternen (Bonner Beobachtungen Bd. 7).
- ARG. OELTZEN; A. Ö.; Argelander's Zonenbeobachtungen vom 45—80 Grad nördlicher Deklination in mittleren Positionen für 1842,0, nach Gerader Aufsteigung geordnet von W. Oeltzen, Annalen der K. K. Sternwarte Wien. 3<sup>te</sup> Reihe, Bd. 1 und 2.
- ARGEL. WEISS. Catalog der Argelander'schen Zonen vom 15 bis 31 Grad südlicher Declination in mittleren Positionen für 1850.0 herausgegeben von Dr. E. Weiss. 1890.
- ARMAGH CAT. II. Second Armagh Catalogue of 3300 stars for the epoch 1875. Dublin 1886.
- AUWERS FUND. CAT. A. G.; F. C.; Fundamental Catalog für die Zonen Beobachtungen am nördl. Himmel von A. Auwers (Publ. XIV der Astronomischen Gesellschaft).
- B. B. VI. Mittlere Oerter von 33811 Sternen. Astronomische Beobachtungen auf der Sternwarte Bonn. Band 6.
- B. D. Bonner Durchmusterung; Astronomische Beobachtungen auf der Sternwarte Bonn. Band 3, 4, 5 und 8.
- B. Z. Beobachtungen der Sterne nach Zonen der Abweichung; in: Astronomische Beobachtungen auf der Sternw. Königsberg von F. W. Bessel. 7<sup>te</sup> bis 17<sup>te</sup> Abtheilung.
- DE BALL CAT. Catalogue de 382 étoiles faibles de la zone B. D. + 2°, observées à Liège par L. de Ball. Bruxelles 1890.
- BERLIN A. G. C. A. Catalog der Astronomischen Gesellschaft. Erste Abtheilung, 11<sup>tes</sup> Stück. Zone 15° bis 20°, beobachtet in Berlin.
- BERLIN A. G. C. B. Catalog der Astronomischen Gesellschaft. Erste Abtheilung, 10<sup>tes</sup> Stück. Zone 20° bis 25°, beobachtet in Berlin.
- BERLIN A. G. Z. Astronomische Beobachtungen auf der K. Sternw. Berl. Zweite Serie. Band I (Zonenbeobachtungen der Sterne zwischen 20° und 25°, beobachtet in Berlin).
- BERLINER CIRCULAR. Circulare zum Berliner astronomischen Jahrbuch.
- BISCHOF. Untersuchungen über die Eigenbewegung des Sonnensystems: Inaugural Dissertation von J. Bischof 1884.
- BONN. A. G. C. Catalog der Astronomischen Gesellschaft. Erste Abtheilung, 6<sup>tes</sup> Stück. Zone 40° bis 50°, beobachtet in Bonn.



- BRÜSSEL CAT. Catalogue de 10792 étoiles observées à l'observ. royal de Bruxelles par E. Quetelet. Annales de l'observatoire de Bruxelles, nouv. série. Tome VI-1887.
- CAMBRIDGE (E.) A. G. C. Catalog der Astronomischen Gesellschaft. Erste Abtheilung, 9<sup>tes</sup> Stück. Zone 25° bis 30°, beobachtet in Cambridge (England).
- CAMBRIDGE (M.) A. G. C. Catalog der Astronomischen Gesellschaft. Erste Abtheilung, 5<sup>tes</sup> Stück. Zone 50° bis 55°, beobachtet in Cambridge (Mass).
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- CHRISTIANIA A. G. C. Catalog der Astronomischen Gesellschaft. Erste Abtheilung, 3<sup>tes</sup> Stück. Zone 65° bis 70°, beobachtet in Christiania.
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- CORDOBA G. C. Catálogo general Argentino (Gould). Result. del Obs. Nac. Arg. Vol. XIV. 1886.
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- DUNSINK CAT. Mean Places of 1012 southern stars. Astr. Obs. and Researches made at Dunsink. Part VI. Dublin 1887.
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- GLASGOW CAT. II. Second Glasgow Catalogue of 2156 stars for the epoch 1890 by Robert Grant. Glasgow 1892.
- GÖTTINGEN CAT. I Mittlere Oerter der in den Zonen — 0° und — 1° der B. D. enth. Sterne von R. Copeland und C. Börgen. Astron. Mitth. der Göttinger Sternwarte. I. Theil.

- GÖTTINGEN CAT. II. Sterncatalog enthaltend 6900 Sternörter für 1860.0 nach den von Professor Klinkerfues 1858—63 angestellten Zonenbeobacht. Astr. Mitth. v. d. Kgl. Stw. Göttingen. 2<sup>ter</sup> Theil.
- GREENWICH 12 Y. CAT. Catalogue of 2156 stars from the observ. made during 12 years 1836—47. (Appendix to Greenw. Observ. 1847).
- GREENWICH 6 Y. CAT. Catalogue of 1576 stars from the observ. made during 6 years 1848—53 (Appendix II to Greenw. Observ. 1854).
- GREENWICH 7 Y. CAT. Seven year Catalogue of 2022 stars, deduced from observations extending 1854—60 (Appendix I to Greenw. Observ. 1862).
- GREENWICH NEW 7 Y. CAT. New seven year Catalogue of 2760 stars, ded. from obs. ext. 1861—67. (Appendix to Greenw. Observ. 1868).
- GREENWICH 9 Y. CAT. Nine year Catalogue of 2263 stars, ded. from obs. ext. 1868—1876. (Appendix I to Greenw. Observ. 1876).
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- HELSINGFORS A. G. C. Catalog der Astronomischen Gesellschaft. Erste Abtheilung, 4<sup>tes</sup> Stück. Zone 55°—65°, beobachtet in Helsingfors und Gotha.
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- LEIDEN A. G. Z. *Annalen der Sternwarte in Leiden. Band IV und V.*
- LUND A. G. Z. N. C. Dunér et Folke Engström. *Observations des étoiles de la zone entre 35° et 40° de déclin. bor.; 3 volumes.*
- M<sub>1</sub>. Seeliger und Bauschinger. *Erstes Münchener Sternverzeichniss. (Neue Annalen der K. Sternwarte in Bogenhausen. Band I).*
- M<sub>2</sub>. Bauschinger. *Zweites Münchener Sternverzeichniss. (Neue Annalen der K. Sternwarte in Bogenhausen. Band II).*
- MARKREE CAT. *Catalogue of stars near the ecliptic observed at Markree during the years 1854, 1855 and 1856. Vol. I—IV. Dublin 1851—1856.*
- MELBOURNE CAT. II. *Second Melbourne general Catalogue of 1211 stars for the epoch 1880 from observations by R. L. J. Ellery; 1889.*
- J. PALISA STERNKARTEN. *Sternkarten nach Beobachtungen in den Jahren 1878 bis 1885 von Dr. J. Palisa. Wien.*
- PARIS CAT. 1, 2 UND 3. *Catalogue de l'Observatoire de Paris. Tome I, II. (Pour les equinoxes 1845, 1860, 1875).*
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- C. H. F. PETERS STERNKARTEN. *C. H. F. Peters Celestial charts made at the Litchfield Observatory. Clinton 1882.*
- PIAZZI. *Praecipuarum stellarum inerrantium positiones mediae ineunte saeculo XIX. 1814.*
- PORTER CAT. PROP. MOT. *Publications of the Cincinnati Observatory 12. Catalogue of proper motion-stars by J. G. Porter.*
- PUBL. XVIII. *Genäherte Oerter der Fixsterne von welchen in den A. N. Band 67 bis 112 selbständige Beobacht. angeführt sind von H. Romberg. (Publication der Astron. Gesellschaft XVIII).*
- PULK. CAT. 1875.0. *H. Romberg. Catalog von 5634 Sternen für die Epoche 1875.0. (Supplément III aux Observations de Pulkova).*
- PULK. OBS. VOL. VIII. *Observations de Poulkova. Volume VIII. Catalogue des positions moyennes 1855.0.*
- RADCLIFFE CAT. I. *The Radcliffe Catalogue of 6317 stars, chiefly circumpolar, red. to 1845. Oxford 1860.*
- RADCLIFFE CAT. 1890.0. *Catalogue of 6424 stars for the epoch 1890, formed from observations at the Radcliffe Observatory Oxford 1880—93. E. J. Stone.*
- REDHILL CAT. *A Catalogue of 3735 circumpolar stars observed at Redhill by R. C. Carrington. 1857.*
- RÜMKER. *Mittlere Oerter von 12000 Fixsternen für den Anfang von 1836 abgeleitet aus den Beobacht. auf der Hamburger Sternwarte von C. Rümker.*
- RÜMKER N. F. *Neue Folge der mittleren Oerter von Fixsternen für den Anfang von 1850 abgeleitet, von C. Rümker.*
- SANTINI 1 UND 2. *Descrizione del circolo mer. dell' I. R. Osserv. di Padova, seg. da un catalogo di stelle fisse per l'anno 1840 di G. Santini. (zone — 11° bis + 11°).*
- SANTINI 3. *Posizione medie di 2706 stelle, nella zone compr. fra 10° e 12° 30' decl. austr. Estr. dal Vol. VII delle Memorie dell' Istituto Veneto.*

- SANTINI <sup>4</sup>. Posizione medie di 2246 stelle, nella zone compr. fra  $12^{\circ} 30'$  e  $15^{\circ}$  decl. austr. Estr. dal Vol. X delle Memorie dell' Istituto Veneto.
- SCHJELLERUP. H. C. F. C. Schjellerup Stjernefortegnelse indeholdende 10000 Pos. af telesk. Fixstjerner imellem  $-15^{\circ}$  og  $+15^{\circ}$  gr. decl. 1864.
- STRASSER CAT. Mittlere Oerter von Fixsternen bezogen auf das mittl. Aeq. 1870, abgeleitet aus Beobacht. der Sternwarte Kremsmünster. 1877.
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- WASH. TRANS. ZONES. Zones of Stars observed at the U. S. Naval Obs. with the Meridian Transit Instrument 1846—49. (Washington Observations 1870. App. IV).
- WASH. MURAL ZONES. Zones of stars observed at the U. S. Naval Obs. with the Mural Circle in the years 1846—49. (Washington Observations 1869. App. II).
- WASH. MER. C. ZONES. Zones of stars observed at the U. S. Naval Obs. with the Meridian Circle in the years 1847—49. (Washington Observations 1871. App. I).
- WEISSE<sub>1</sub>; W<sub>1</sub>. Positiones mediae stellarum fixarum in zonis Regiomontanis a Besselio inter  $-15^{\circ}$  et  $+15^{\circ}$  decl. observatarum. Auct. M. Weisse. 1846.
- WEISSE<sub>2</sub>; W<sub>2</sub>. Positiones mediae stellarum fixarum in zonis Regiomontanis a Besselio inter  $+15^{\circ}$  et  $+45^{\circ}$  decl. observatarum. Auct. M. Weisse 1863.
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# STERN CATALOG.



NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmusterung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. Saec.	3. Glied			Var. annua.	Var. Saec.	3. Glied.
		B. D.	A. N.	Quelle	Beob.	Pos.										
					1800 +											
1	— 5°6117	8.3	....	8.4	71.7	71.0	Oh om 22 <sup>s</sup> 23	..	+ 3 <sup>s</sup> 0721	—0 <sup>s</sup> 0007	+0 <sup>s</sup> 010	— 5° 2' 32" <sup>5</sup>	..	20 <sup>h</sup> 054	—0 <sup>h</sup> 009	— 0" <sup>1</sup> 17
2	+ 4 5089	8.5	....	8.4	78.80	76.0	o 38.14	4	3.0725	+0.0043	0.010	+ 4 35 35.6	4	20.054	0.010	0.17
3	— 3 5761	8.8	9	9	67.01	65.0	o 47.30	1	3.0720	+0.0002	0.010	— 3 24 40.2	1	20.054	0.010	0.17
4	+ 31 5039	8.9	....	8.9	83.7	83.0	o 55.36	1	3.0756	+0.0206	0.016	+31 52 39.0	1	20.054	0.010	0.17
5	+ 27 4680	8.8	....	8.8	70.8	70.0	o 58.90	..	3.0753	+0.0178	0.014	+28 0 53.6	..	20.054	0.010	0.17
6	— 2 1	9.3	9	10	67.88	65.0	1 2.03	2	3.0720	+0.0008	0.010	— 2 4 44.4	2	20.054	0.011	0.17
7	— 5 3	8.6	....	9	69.72	70.0	1 27.75	2	3.0714	—0 0009	0.010	— 5 33 0.0	2	20.054	0.011	0.17
8	+ 4 1	8.2	....	8.4	76.82	76.0	1 41.73	6	3.0730	+0.0042	0.010	+ 4 13 56.7	3	20.054	0.012	0.17
9	— 3 3	6.5	7	7	66.79	65.0	1 48.11	2	3.0717	+0.0004	0.010	— 3 8 37.2	2	20.054	0.012	0.17
10	+ 2 3	8.5	8	8.0	66.00	65.0	1 57.58	2	3.0728	+0.0034	0.010	+ 2 44 45.8	2	20.054	0.012	0.17
11	+ 1 3	9.5	9.5	9.5	83.99	80.0	2 0.97	1	3.0726	+0.0030	0.010	+ 1 49 9.4	1	20.053	0.012	0.17
12	» »	»	....	...	78.78	76.0	1.06	4	»	»	»	13 0	4	»	»	»
13	— 7 3	7.8	....	8.3	70.7	70.0	2 7.00	1	3.0706	—0.0019	0.010	— 7 29 18..	..	20.053	0.013	0.17
14	— 3 5	7.4	7	6.5	67.93	65.0	2 18.83	1	3.0716	+0.0005	0.010	— 2 55 4.9	1	20.053	0.013	0.17
15	.....	...	8	8 <sup>3</sup> / <sub>4</sub>	80.1	80.0	2 37.49	2	3.0620	—0.0177	0 016	—33 43 57.3	2	20.053	0.014	0.17
16	+ 7 9	8.4	8.6	9.1	73.77	73.0	3 26.00	2	3.0750	+0.0062	0.010	+ 7 45 29.1	2	20.052	0.015	0.17
17	+ 7 10	8.6	8.9	...	73.80	70.0	3 33.19	3	3.0751	+0.0062	0.010	+ 7 52 56.8	3	20.052	0.016	0.17
18	» »	»	....	8-9	73.76	73.0	33.24	2	»	»	»	57.4	2	»	»	»
19	» »	»	....	8-9	69.1	69.0	33.32	..	»	»	»	61.2	..	»	»	»
20	— 6 11	6.8	....	6	70.7	70.0	3 54.99	1	3.0699	—0.0010	0.010	— 5 56 35..	..	20.051	0.016	0.17
21	+ 56 11	6.7	7.5	6.3	66.92	66.0	3 57.18	1	3.1070	+0.0482	0.043	+56 28 11.4	1	20.051	0.016	0.17
22	+ 12 8	8.5	....	8.5	82.75	82.0	4 14.55	7	3.0778	+0.0088	0.010	+12 31 36.3	8	20.051	0.017	0.17
23	» »	»	8.6	...	82.72	82.0	14 57	9	»	»	»	36.8	9	»	»	»
24	» »	»	8.5	...	82.85	82.0	14.81	4	»	»	»	40.0	4	»	»	»
25	— 6 14	9.4	9	9	76.91	76.0	4 20.91	1	3.0694	—0.0012	0.010	— 6 22 1.6	1	20.051	0.017	0.17
26	» »	»	....	...	85.7	85.0	21.06	2	»	»	»	0.8	2	»	»	»
27	+ 4 13	8.5	....	8.5	76.82	76.0	4 25.89	2	3.0742	+0.0044	0.010	+ 4 23 36.7	2	20.050	0.017	0.17
28	— 2 10	8.1	....	7	79.91	80.0	4 32.54	2	3.0710	+0.0007	0.010	— 2 46 8.9	2	20 050	0.017	0.17
29	» »	»	....	7	79.7	79.0	32.68	..	»	»	»	9.4	..	»	»	»
30	» »	»	8.9	8-9	66.79	65.0	32.69	2	»	»	»	10.3	2	»	»	»
31	+ 1 14	9.2	....	9.2	63.8	63.0	4 47.13	2	3.0733	+0.0033	0.010	+ 2 6 2.1	2	20.050	0.018	0.17
32	— 13 18	8.9	9.0	9	83.97	80.0	5 3.41	3	3 0650	—0.0051	0.011	—13 43 33.7	3	20.049	0.018	0.17
33	+ 56 16	7.3	8.3	7.2	66.92	66.0	5 11.19	1	3.1181	+0.0488	0.044	+56 34 33.6	1	20.049	0.019	0.17
34	— 5 17	8.2	....	9	69.73	70.0	5 12.02	2	3.0692	—0.0008	0.010	— 5 45 49.5	2	20.049	0 019	0.17
35	+ 27 12	7.7	9.10	7-8	70.8	70.0	5 23.43	..	3.0888	+0.0181	0.014	+27 43 39.8	..	20.049	0.019	0.17
36	» »	»	....	8	70.75	70.0	23.52	2	»	»	»	36.6	2	»	»	»
37	— 4 10	9.1	9.5	9	73.85	73.0	5 42.11	2	3.0695	—0.0002	0.010	— 4 41 43.2	2	20.048	0.020	0.17
38	— 6 18	9.1	9.3	9.1	76.87	75.0	5 53.54	2	3.0682	—0.0012	0.010	— 6 37 45.8	2	20.047	0.021	0.17
39	» »	»	....	...	76.9	76.0	53.60	..	»	»	»	46.3	..	»	»	»
40	+ 2 14	9.4	9.4	9.4	84.00	80.0	6 5.6	..	3.0742	+0.0038	0.010	+ 3 5 3.9	1	20.047	0.020	0 17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1	79 78	Paris	Schjellerup, 9995—6	22 <sup>s</sup> 56	33" 4	
2	94 293	Kremsmünster	Albany, A. G. C. 5	38.06	32.0	
3	69 67	Berlin, Romberg	M <sub>1</sub> 11	48.01	38.1	
4	108 391	Strassburg, Schur	Leiden, A. G. Z. 112 u. 115	55.34	39.8	Strassburg getrennt von Leiden A. G. Z.
5	77 221	Wien	B. D. 4680	58.2	0' 7	
6	72 113	Berlin, Romberg	M <sub>1</sub> 17	2.36	37" 2	Weisse <sub>1</sub> 1230 B. Z. 112, 1 <sup>s</sup> .99, 43" 2; 9 <sup>m</sup> .
7	81 67	Berlin, Tietjen	Weisse <sub>1</sub> 1243 B. Z. 105	26.69	58.7	E. B. + 0 <sup>s</sup> 0225, — 0'050 nach Paris Cat. 32; siehe Noten.
8	94 293	Berlin, Steinbrink	Albany, A. G. C. 8	41.63	57.1	Epoche der Declin. Beob. 76.80.
9	69 67	Berlin, Romberg	Schjellerup 8	48.07	36.6	
10	69 67	Berlin, Romberg	Albany A. G. C. 9	57.51	44.0	
11	111 163	Berlin, Knorre	B. D. 3	0.5	49' 3	
12	94 293	Kremsmünster	.....	.....	.....	
13	77 367	Durham, Plummer	Schjellerup 12	6.81	18" 4	Bloss in A.R. scharf bestimmt.
14	72 113	Berlin, Romberg	B. B. VI 327	19.13	3.8	Glasgow Cat. I, 10, 18 <sup>s</sup> 74, 6" 8; 7 <sup>m</sup> .
15	98 29	Cap	Cordoba G. C. 47	37.50	55.1	
16	82 278; 84 177	Leipzig, Engelmann	Pulk. Cat. 1875.0 14 u. 15	<sup>25.95</sup> 26.47	<sup>27.7</sup> 28.0	Duplex $\Sigma 4 \Delta 5''$ Pos. 90°; in A.N. Med. beob.
17	84 225	Berlin, Knorre	Kam, 19	33.34	61.3	
18	82, 269 u. 273; 88, 154; 84, 241; 86, 83	Berlin, Tietjen	Weisse <sub>1</sub> 25 B. Z. 111	33.62	56.8	Zeigt E. B. siehe Noten.
19	74 193	Berlin	Paris Cat. 77	33.12	57.0	
20	77 367	Durham, Plummer	Schjellerup 27	54.89	35.0	Bloss in A.R. scharf bestimmt.
21	69 100	Leipzig, Engelmann	Helsingfors A. G. C. 61	57.16	11.2	
22	107 322	Helsingfors, Donner	B. B. VI. 8	14.51	37.8	
23	105 59	Pulkowa, Romberg	.....	.....	.....	
24	104 329	Königsberg, Rahts	.....	.....	.....	
25	90 203	Leipzig, Weinek	Weisse <sub>1</sub> 47 B. Z. 105	21.47	1.7	A.N. in Declin. — 1' corrigirt, cf. Publ. XVIII der A.G.
26	Publ. XVIII A. G. S. 46	Pulkowa, Romberg	.....	.....	.....	Controle Stern.
27	94 293	Berlin, Tietjen	Albany A. G. C. 22	25.87	36.8	
28	111 49	Hamburg, Schrader	B. B. VI pag. 327	32.40	10.3	
29	97 331	Kremsmünster	Santini, — 2° 3	32.49	10.7	
30	69 67; 70 103	Berlin, Romberg.	Weisse <sub>1</sub> 49 B. Z. 132	32.88	11.7	
31	68 263	Wien	B. D. 14	47.8	4' 9	
32	111 163	Berlin, Knorre	Weisse <sub>1</sub> 61 B. Z. 189	4.46	29" 6	Siehe Noten.
33	69 100	Leipzig, Engelmann	Helsingfors A. G. C. 91	11.18	33.2	
34	81 67	Berlin, Tietjen	Paris Cat. 121	11.80	51.0	
35	78 165	Kremsmünster	Paris Cat. 124	23.55	35.9	Scheinb. Aeq. 1870 Oct. 2 Red. — 2 <sup>s</sup> 721, — 16" 67.
36	81 67	Berlin, Tietjen	Lal. 54	23.68	33.6	
37	83 135	Wien, Holetschek	Weisse <sub>1</sub> 73 B. Z. 105	42.10	42.7	
38	91 189; 89 61	Pola, J. Palisa	B. D. 18	53.8	37' 7	Duplex australis in A.N.
39	90 126	Pola, J. Palisa	.....	.....	.....	Vermuthlich dieselbe Beob. als Nr. 38.
40	111 163	Berlin, Knorre	de Ball 3	5.35	2" 9	Bloss in Declin. scharf bestimmt.

NUM- MER.	NUMMER der nördl. u. süd. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. Saec.	3. Glied.			Var. annua.	Var. Saec.	3. Glied.
		B. D.	A. N.	Quelle	Beob.	Pos.										
					1800 +											
41	+ 38° 14	8.3	8.9	8.4	64.71	65.0	0h 6m 9s 12	1	+ 3s 1009	+0s 0265	+0s 019	+38° 35' 32" 7	1	20" 047	-0" 021	- 0" 17
42	+ 56 19	7.8	8.5	6.9	66.82	66.0	6 10.87	1	3.1268	+0.0490	0.044	+56 31 57.8	1	20.047	0.021	0 18
43	+ 27 15	9.0	....	8-9	70.7	70.0	6 12.47	2	3.0913	+0.0181	0.014	+27 42 31..	..	20.047	0.021	0.17
44	.....	...	11	...	66.76	66.0	6 16.68	1	3.0705	+0.0008	0.010	- 2 48 33.4	1	20.047	0.021	0.17
45	+ 55 21	8.0	8.8	8.0	66.91	66.0	6 26.05	1	3.1261	+0.0466	0.040	+55 9 47.9	1	20.046	0.021	0.18
46	+ 20 12	8.5	....	8.5	69.9	70.0	6 45.37	2	3.0872	+0.0136	0.012	+20 42 35.7	2	20.045	0.022	0.17
47	- 17 17	8.0	....	7.6	84.7	84.0	6 51.70	3	3.0594	-0.0072	0.011	-17 52 49.4	3	20.045	0.022	0.17
48	.....	...	11.5	...	66.76	66.0	7 0.28	1	3.0703	+0.0009	0.010	- 2 45 4.6	1	20.045	0.022	0.17
49	- 5 23	8.9	....	9	69.74	70.0	7 3.91	2	3.0684	-0.0005	0.010	- 5 20 31.3	2	20.045	0.022	0.17
50	- 2 20	9.3	....	9.3	66.91	66.0	7 14.16	2	3.0703	+0.0009	0.010	- 2 41 53.6	2	20.044	0.023	0.17
51	- 4 12	7.8	....	7.	72.73	70.0	7 37.18	2	3.0687	-0.0001	0.010	- 4 36 12.6	2	20.043	0.023	0.17
52	- 12 20	8.3	....	8.5	69.8	70.0	7 38.28	2	3.0628	-0.0040	0 010	-12 0 3.0	2	20.043	0.024	0.17
53	.....	..	11.5	...	66.75	66.0	7 40.49	1	3.0702	+0.0009	0.010	- 2 39 34.4	1	20.043	0.024	0.17
54	+ 2 18	8.9	9	8.8	64.76	65.0	8 4.84	1	3.0745	+0.0038	0.010	+ 2 46 32.7	1	20.042	0.024	0.17
55	» »	»	....	...	80.8	80.0	4.88	1	»	»	»	32.9	1	»	»	»
56	+ 2 20	9.0	....	8.9	62.92	65.0	8 24.51	3	3.0745	+0.0037	0.10	+ 2 35 12.0	3	20.041	0.025	0.17
57	» »	»	8.2	...	83.98	80.0	24.54	3	»	»	»	12.4	3	»	»	»
58	.....	...	....	6.4	77.79	75.0	8 39.48	3	3.0361	-0.0184	0.017	-35 35 58.8	3	20.040	0.025	0.16
59	- 4 17	8.8	....	...	71.8	71.0	9 3.80	..	3.0682	+0.0001	0.010	- 4 20 58.0	..	20.039	0.026	0.17
60	+ 12 14	8.3	8.3	8	82.80	82.0	9 5.99	4	3.0842	+0.0092	0.010	+12 43 27.3	4	20.038	0.026	0.17
61	» »	»	....	8.1	82.75	82.0	6.02	6	»	»	»	27.0	6	»	»	»
62	» »	»	8.3	8-9	82.71	82.0	6.03	12	»	»	»	28.0	12	»	»	»
63	+ 5 25	7.8	8	7.7	64.96	65.0	9 13.24	2	3.0770	+0.0051	0.010	+ 5 8 57.4	2	20.038	0.027	0.17
64	- 3 26	9.8	....	9.8	70.72	70.0	9 20.11	2	3.0692	+0.0008	0.010	- 3 10 23.3	2	20.038	0.027	0.17
65	+ 4 24	9.5	9.5	9.5	76.86	76.0	9 20.34	2	3.0765	+0.0048	0.010	+ 4 29 10.4	2	20.038	0.027	0.17
66	» »	»	....	...	76.80	76.0	20.61	2	»	»	»	10.1	2	»	»	»
67	+ 3 26	7.0	....	7.7	76.8	76.0	9 32.26	..	3.0757	+0.0043	0.010	+ 3 33 24.6	..	20.037	0.027	0.17
68	» »	»	....	...	76.82	76.0	32.32	2	»	»	»	22.6	2	»	»	»
69	+ 4 26	9.5	9.5	9.5	76.79	76.0	9 40.56	2	3.0767	+0.0048	0.010	+ 4 31 55.6	2	20.036	0.027	0.17
70	+ 27 30	9.1	....	9.1	70.76	70.0	9 47.55	3	3.1016	+0.0181	0.014	+27 13 14.7	3	20.036	0.028	0.17
71	+ 11 27	8.0	....	8-9	82.95	82.0	10 13.66	3	3.0841	+0.0084	0.010	+11 14 41.6	4	20.034	0.029	0.17
72	» »	»	8.5	9	82.81	82.0	13.91	3	»	»	»	43.4	3	»	»	»
73	- 13 40	8.7	9.0	9.	83.96	80.0	10 41.61	1	3.0570	-0.0047	0.010	-13 45 22.4	1	20.032	0.029	0.17
74	+ 7 28	8.7	....	9	68.8	68.0	10 43.41	1	3.0802	+0.0063	0.010	+ 7 12 43.2	1	20.032	0.029	0.17
75	+ 1 35	9.0	8.9	9.5	66.86	65.0	11 7.82	2	3.0741	+0.0034	0.010	+ 1 37 36.0	2	20.031	0.031	0.17
76	+ 11 33	8.0	....	8-9	82.95	82.0	11 13.08	2	3.0854	+0.0086	0.010	+11 20 52.8	4	20.030	0.031	0.17
77	» »	8.5	8.5	9	82.91	82.0	13.42	2	»	»	»	54.4	2	»	»	»
78	+ 6 16	9.1	....	9	68.8	68.0	11 15.69	1	3.0804	+0.0062	0.010	+ 7 3 56.1	1	20.030	0.031	0.17
79	- 4 23	9.0	9.0	9.0	83.99	80.0	11 19.60	1	3.0669	+0.0001	0.010	- 4 35 22.1	1	20.029	0.031	0.17
80	+ 0 28	7.0	....	6.8	64.75	65.0	11 22.55	1	3.0734	+0.0031	0.010	+ 0 59 37.6	1	20.029	0.030	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
41	69 67	Berlin, Romberg	Lund A.G.Z. 70 u. 77	9 <sup>s</sup> 15	33'' 1	Rouge jaune nach Lund.
42	69 100	Leipzig, Engelmann	Helsingfors A.G.C. 102	10.62	56.2	A.N. in 3 + 1' corrig., bestätigt durch A.Ö. 90, siehe Noten.
43	77 158	Durham, Plummer	Paris Cat. 138	12.79	36.0	Bloss in A.R. bestimmt.
44	69 100	Leipzig, Engelmann	.....	.....	.....	Zu streichen, siehe Noten.
45	69 100	Leipzig, Engelmann	Helsingfors A.G.C. 107	25.91	49.6	
46	76 53	Königsberg, Lorek	Berlin A.G.Z. 343, 395, 413	45.23	35.3	
47	112 143	Cap.	Yarnall 69	51.74	47.9	
48	69 100	Leipzig, Engelmann	.....	.....	.....	Zu streichen, siehe Noten.
49	81 67; 90 126	Berlin, Tietjen	Schjellerup 51	3.92	30.7	
50	69 379	Leiden, v. Hennekeler	Dunsink Cat. 7	14.21	55.1	A. N. corrigirt, siehe Noten.
51	81 67	Berlin, Tietjen	M <sub>1</sub> 92	37.25	9.7	
52	76 53	Königsberg, Lorek	Schjellerup 55	37.90	59.4	
53	69 100	Leipzig, Engelmann	.....	.....	.....	Zu streichen, siehe Noten.
54	69 67	Berlin, Romberg	Albany A.G.C. 30	4.63	32.4	
55	100 246	Königsberg, Rahts	Kam 37	4.85	32.2	
56	69 67; 101 201	Berlin, Romberg	Albany A.G.C. 32	24.57	11.6	
57	111 163	Berlin, Knorre	Kam 41	24.53	11.5	
58	92 243	Pola, J. Palisa	Cordoba G.C. 149	39.39	55.3	
59	79 110	Washington	M <sub>1</sub> 109	3.26	57.7	Weisse <sub>1</sub> 127 B.Z. 132 4 <sup>s</sup> .00, 57''.1; 9 <sup>m</sup> .
60	104 329	Königsberg, Rahts	Glasgow Cat. I. 50	5.92	26.6	
61	107 322	Helsingfors, Donner	B. B. VI, 14	5.98	27.9	
62	105 60	Pulkowa, Romberg	Paris Cat. 198	6.04	27.8	
63	69 67	Berlin, Romberg	Albany A.G.C. 34	13.27	55.3	
64	77 263	Leiden, Valentiner [u. Becker]	B. D. 26	19.6	10'.4	
65	90 203; 89 359	Leipzig, Weinek	B. D. 24	20.5	29.5	A. N. 89. A. R. 0 <sup>s</sup> .13 grösser, Decl. 0''.1 südlicher.
66	94 293	Berlin, Tietjen	.....	.....	.....	
67	89 359	Berlin	Albany A. G. C. 36	32.32	24'' 1	A. N. verbunden mit mehreren Catalogen.
68	94 305	Berlin, Tietjen	Glasgow Cat I. 52	32.27	23.2	
69	90 203; 89 359	Leipzig, Weinek	B. D. 26	40.2	32'.3	
70	81 67	Berlin, Tietjen	B. D. 30	44.8	11.9	
71	105 63 u. 64	Pulkowa, Wagner u. [Romberg]	Weisse <sub>1</sub> 146 B. Z. 26 u. 29	13.87	44'' 5	Epoche der Declin. Beob. 82.76.
72	104 31	Königsberg, Rahts	Schjellerup 76	13.24	42.3	
73	111 163	Berlin, Knorre	M <sub>1</sub> 126	41.59	21.2	
74	74 248	Königsberg, Lorek	Weisse <sub>1</sub> 159 B. Z. 38 u. 111	43.42	36.1	
75	69 67	Berlin, Romberg	Schjellerup 84	7.54	37.1	
76	105 63 u. 64	Pulkowa, Wagner u. [Romberg]	Weisse <sub>1</sub> 168 B. Z. 26	13.34	54.4	Epoche der Declin. Beob. 82.76.
77	104 331	Königsberg, Rahts	Schjellerup 85	13.12	52.1	
78	74 248	Königsberg, Lorek	Weisse <sub>1</sub> 169 B. Z. 38 u. 111	15.69	53.9	
79	111 163	Berlin, Knorre	B. D. 23	19.6	35'.4	
80	69 67	Berlin, Romberg	Albany A. G. C. 45	22.56	37'' 3	E. B. + 0.004, 0''.00 nach Albany Cat. p. 231, s. Noten.

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. Saec.	3. Glied.			Var. annua.	Var. Saec.	3. Glied.
					1800 +											
81	— 2° 31	6.7	....	6.7	80.81	80.0	Oh 11 <sup>m</sup> 24 <sup>s</sup> 55	3	+ 3 <sup>s</sup> 0693	+0 <sup>s</sup> 0012	+0 <sup>s</sup> 010	— 2° 33' 26" 6	3	20" 029	— 0" 030	— 0" 17
82	» »	»	8.0	7½	83.98	80.0	24.66	2	»	»	»	27.5	2	»	»	»
83	» »	»	8.8	7	66.76	66.0	24.69	2	»	»	»	27.3	2	»	»	»
84	» »	»	7-8	8	66.79	65.0	24.72	2	»	»	»	27.7	2	»	»	»
85	+ 4 28	9.0	....	8.9	69.74	70.0	11 26.70	2	3.0772	+0.0048	0.010	+ 4 15 35.5	2	20.029	0.031	0.17
86	+ 6 18	9.5	9.5	9.5	84.00	80.0	11 28.85	1	3.0800	+0.0060	0.010	+ 6 35 55.5	1	20.029	0.031	0.17
87	.....	...	....	10	76.80	76.0	11 36.72	2	3.0766	+0.0045	0.010	+ 3 39 50.1	2	20.028	0.031	0.17
88	— 0 37	7.0	....	7.0	63.8	63.0	11 39.31	..	3.0722	+0.0025	0.010	— 0 4 41.9	..	20.028	0.031	0.17
89	+ 2 32	7.5	....	7.6	76.82	76.0	11 43.29	2	3.0759	+0.0042	0.010	+ 3 6 6.4	2	20.028	0.032	0.17
90	— 2 34	7.3	8.7	8	66.76	66.0	11 54.49	3	3.0690	+0.0012	0.010	— 2 42 32.8	3	20.027	0.032	0.17
91	» »	»	....	8	80.86	80.0	54.49	3	»	»	»	35.2	3	»	»	»
92	» »	»	....	8	80.7	80.0	54.49	..	»	»	»	33.5	..	»	»	»
93	+ 72 17	7.2	....	7.2	78.85	77.0	12 17.26	4	3.2985	+0.1105	0.173	+ 72 25 44.2	4	20.025	0.034	0.21
94	+ 4 30	9.4	9.5	9.4	76.83	76.0	12 35.78	2	3.0786	+0.0052	0.010	+ 4 56 26.1	2	20.024	0.033	0.17
95	» »	»	....	...	76.80	76.0	36.06	2	»	»	»	25.6	2	»	»	»
96	+ 6 21	8.7	8	9	68.8	68.0	12 41.76	1	3.0808	+0.0061	0.010	+ 6 35 18.2	1	20.023	0.033	0.17
97	» »	»	8.7	...	66.47	65.0	41.94	2	»	»	»	15.9	2	»	»	»
98	+ 4 32	8.8	....	8.7	69.73	70.0	13 4.13	3	3.0790	+0.0053	0.010	+ 5 3 59.7	3	20.022	0.034	0.17
99	— 2 37	9.4	9.5	9.4	83.99	80.0	13 29.29	2	3.0690	+0.0014	0.010	— 2 20 21.2	2	20.019	0.035	0.17
100	» »	»	....	...	80.76	80.0	29.47	3	»	»	»	26.0	4	»	»	»
101	+ 4 34	9.5	....	9.5	76.80	76.0	13 47.54	3	3.0790	+0.0052	0.010	+ 4 47 45.4	3	20.018	0.036	0.17
102	+ 4 35	9.3	....	9.3	76.81	76.0	13 53.45	2	3.0788	+0.0051	0.010	+ 4 38 7.9	2	20.017	0.036	0.17
103	+ 3 34	8.0	....	8.3	76.78	76.0	13 56.66	2	3.0782	+0.0048	0.010	+ 4 5 4.3	2	20.017	0.036	0.17
104	+ 31 38	9.1	....	9.1	83.7	83.0	13 59.33	3	3.1229	+0.0218	0.015	+ 31 50 3.2	3	20.017	0.036	0.18
105	+ 7 36	6.2	....	7	68.8	68.0	14 9.91	2	3.0831	+0.0066	0.010	+ 7 29 48.2	2	20.016	0.036	0.17
106	+ 11 41	8.0	8.9	8-9	74.02	70.0	14 11.54	2	3.0893	+0.0089	0.010	+ 11 36 59.7	2	20.016	0.036	0.17
107	+ 2 38	8.5	....	8.0	64.78	65.0	14 18.62	2	3.0763	+0.0041	0.010	+ 2 45 18.9	2	20.015	0.037	0.17
108	+ 32 48	7.0	....	7.0	81.72	80.0	14 21.61	3	3.1251	+0.0221	0.015	+ 32 17 10.9	3	20.015	0.037	0.18
109	— 14 49	8.5	....	9	66.7	66.0	14 26.07	4	3.0508	— 0.0048	0.010	— 14 19 33.8	4	20.014	0.037	0.16
110	» »	»	9	9	63.76	65.0	26.09	3	»	»	»	33.4	3	»	»	»
111	— 20 48	7.8	8½	8	84.8	84.0	14 33.06	2	3.0403	— 0.0083	0.011	— 20 37 23.9	2	20.014	0.037	0.16
112	— 3 37	9.0	....	9.0	71.9	71.0	14 40.05	..	3.0666	+0.0008	0.010	— 3 45 41.9	..	20.013	0.037	0.16
113	» »	»	....	...	71.9	71.0	40.08	3	»	»	»	36.9	3	»	»	»
114	— 4 31	8.0	7.5	8.0	65.76	65.0	14 49.55	1	3.0662	+0.0007	0.010	— 4 0 26.9	1	20.012	0.037	0.16
115	+ 27 43	8.0	....	7-8	70.7	70.0	14 54.68	3	3.1177	+0.0188	0.014	+ 27 37 56..	..	20.012	0.039	0.17
116	+ 27 45	8.2	9-10	8-9	70.8	70.0	15 15.35	..	3.1181	+0.0186	0.014	+ 27 17 26.7	..	20.010	0.039	0.17
117	+ 74 8	8.5	8.5	8.5	83.96	80.0	15 17.87	1	3.3910	+0.1315	0.231	+ 74 22 23.5	1	20.010	0.042	0.23
118	+ 0 43	8.9	(9)	9	67.90	65.0	15 24.02	1	3.0726	+0.0029	0.009	+ 0 13 27.8	1	20.009	0.039	0.17
119	+ 14 38	9.3	....	9	82.77	82.0	15 58.08	5	3.0967	+0.0107	0.010	+ 14 42 39.3	4	20.005	0.040	0.17
120	» »	»	9.3	...	82.74	82.0	58.11	11	»	»	»	40.5	11	»	»	»



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT. UND BEOBACHTER	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
81	111 49, 101 201	Hamburg, Schrader	Karlsruhe Beob. II, S. 175	24 <sup>8</sup> .72	27 <sup>11</sup> .1	Siehe Noten.
82	111 163	Berlin, Knorre	Cordoba G. C. 198	24.60	26.9	
83	69 102, 68 75	Leipzig, Engelmann	Paris Cat, 255	24.59	26.8	
84	69 67	Berlin, Romberg	Glasgow Cat. I. 67	24.62	29.0	
85	81 67	Berlin, Tietjen	Albany A.G.C. 46	26.62	34.8	
86	111 163	Berlin, Knorre	B.B. VI 18	28.31	2.0	
87	89 359, 94 293	Berlin, Tietjen	Leiden, mikr. Anschluss. <sup>1</sup>	37.3	40 <sup>0</sup> .0	
88	68 261	Wien.	Göttingen Cat. I, 41-2	39.48	42 <sup>8</sup> .8	
89	94 293	Berlin, Tietjen	Albany A.G.C. 47	43.34	7.1	
90	69 102, 68 73	Leipzig, Engelmann	Schjellerup 90	54.44	33.1	
91	111 49, 100 359	Hamburg, Schrader	Glasgow Cat. I, 72	54.39	34.6	A.N. 68 p. 73 A.R. 0.02 grösser, Decl. 0 <sup>9</sup> .9 südlicher.
92	100 359	Kremsmünster	Weisse, 181 B. Z. 132 u. 136	54.24	33.0	
93	94 283	Berlin, Steinbrink	Dorpat A.G.Z. Vol. XVIII [p. (29)]	17.32	44.4	
94	90 203, 89 359	Leipzig, Weinek	B. B. VI 30	36.05	32.9	
95	94 305	Berlin, Tietjen	.....	.....	.....	
96	74 248	Königsberg, Lorek	Weisse, 192 B.Z. 38	41.85	15.7	
97	69 67	Berlin, Romberg	Göttingen Cat. II, 72	41.83	13.7	
98	81 67	Berlin, Tietjen	Albany A. G. C. 52	3.94	1.7	
99	111 163	Berlin, Knorre	B. D. 37	29.6	19 <sup>9</sup> .9	
100	111 49, 101 201	Hamburg, Schrader	.....	.....	.....	
101	89 359, 94 305	Berlin, Tietjen	B. D. 34	48.4	48.1	1 <sup>ste</sup> Beob. in Decl :
102	94 293	Berlin, Tietjen	B. D. 35	52.6	38.8	
103	94 293	Berlin, Tietjen	Albany A.G. C. 56	56.72	6 <sup>11</sup> .2	
104	108 391	Strassburg, Schur	Leiden A.G.Z. 112 u. 115	59.21	2.2	
105	74 248	Königsberg, Rahts	Schjellerup 105	9.91	45.9	
106	84 225	Berlin, Knorre	Paris Cat, 328	11.56	0.9	
107	69 67	Berlin, Romberg	Albany A.G.C. 58	18.64	17.9	
108	111 49	Hamburg, Schrader	Leiden A.G.Z. 139 u. 229	21.67	11.0	
109	78 64	Königsberg, Lorek	Santini, 17	25.79	33.2	
110	69 67	Berlin, Romberg	Weisse, 227 B. Z. 202.	26.29	31.3	
111	112 143	Cap	Arg.-Weiss 111	32.93	19.9	Bloss in A.R. scharf bestimmt. Scheinb. Aeq. 1870 Oct 1. Red. — 2 <sup>8</sup> .731, — 16 <sup>0</sup> .02.  Schjell. Declin. + 1' corrigirt. Siehe Noten.
112	79 110	Washington	B. D. 37	40.2	45 <sup>1</sup> .4	
113	79 110	Cambridge (M)	.....	.....	.....	
114	69 67	Berlin, Romberg	Karlsruhe Beob. II S. 207	49.59	28 <sup>3</sup> .3	
115	77 158	Durham, Plummer	Paris Cat, 350	54.47	53.9	
116	78 165	Kremsmünster	Paris Cat, 359	15.47	26.5	
117	111 163, 111 221	Berlin, Knorre	Dorpat A.G.Z. Vol. XVIII(53)	17.90	23.5	
118	72 113	Berlin, Romberg	Schjellerup 111	23.91	27.0	
119	107 322	Helsingfors, Donner	Weisse, 254 B. Z. 113	58.59	41.1	
120	105 60	Pulkowa, Romberg	.....	.....	.....	

NUM MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. Saec.	3. Glied.			Var. annua.	Var. Saec.	3. Glied.
121	+ 14° 38	9.3	9.3	...	82.81	82.0	Oh 15 <sup>m</sup> 58 <sup>s</sup> 28	5	+ 3 <sup>s</sup> .0967	+0 <sup>s</sup> .0107	+0 <sup>s</sup> .010	+14° 42' 42" 3	3	20" 005	-0" 040	- 0" 17
122	+ 4 42	9.0	....	9	76.79	76.0	15 58.87	2	3.0796	+0.0052	0.010	+ 4 32 13.7	2	20.005	0.040	0.17
123	" "	"	9	9.1	67.86	65.0	58.90	1	"	"	"	15.7	1	"	"	"
124	+ 11 49	9.2	9	9	74.02	70.0	16 26.40	2	3.0916	+0.0089	0.010	+11 24 15.8	2	20.003	0.041	0.17
125	- 14 56	8.8	9	8.8	66.93	65.0	16 31.55	2	3.0479	-0.0046	0.010	-14 12 21.0	2	20.002	0.040	0.16
126	- 13 63	8.0	8	8	66.85	65.0	16 52.60	1	3.0480	-0.0044	0.010	-13 51 39.2	1	20.000	0.041	0.16
127	+ 4 44	9.4	....	9.4	76.79	76.0	17 8.46	2	3.0807	+0.0054	0.010	+ 4 49 53.2	2	19.998	0.042	0.17
128	- 3 48	8.0	8.0	8.0	69.77	69.0	17 15.96	2	3.0657	+0.0009	0.010	- 3 44 45.8	2	19.997	0.042	0.16
129	" "	"	8.7	7	66.45	65.0	16.05	2	"	"	"	44.0	2	"	"	"
130	.....	...	8	9	80.1	80.0	17 19.14	3	3.0053	-0.0160	0.016	-33 33 39.2	3	19.997	0.042	0.15
131	- 4 39	8.8	....	9	76.78	76.0	17 25.38	1	3.0637	+0.0004	0.010	- 4 49 11.7	1	19.996	0.042	0.16
132	+ 2 44	8.2	8	8.0	64.67	65.0	17 32.19	2	3.0777	+0.0045	0.010	+ 3 4 5.2	2	19.996	0.043	0.16
133	- 2 49	8.2	....	...	80.80	80.0	17 54.67	6	3.0687	+0.0019	0.009	- 1 56 4.8	5	19.993	0.043	0.17
134	" "	"	....	8-9	80.7	80.0	54.70	..	"	"	"	2.4	..	"	"	"
135	+ 4 47	9.3	9.3	9.2	76.79	76.0	18 2.16	3	3.0815	+0.0055	0.010	+ 5 1 7.4	3	19.992	0.044	0.17
136	" "	"	....	...	76.81	76.0	2.34	3	"	"	"	5.6	2	"	"	"
137	+ 4 48	9.5	....	9.5	76.80	76.0	18 4.41	2	3.0803	+0.0052	0.010	+ 4 21 5.3	2	19.992	0.044	0.17
138	- 5 58	7.8	....	8	65.7	65.0	18 10.22	2	3.0624	+0.0002	0.010	- 5 20 27.7	2	19.991	0.044	0.16
139	.....	...	10-11	10.5	78.91	75.0	18 40.42	1	3.0635	+0.0006	0.010	- 4 36 11.8	1	19.988	0.045	0.16
140	- 5 61	8.9	....	9	66.30	65.0	18 54.18	2	3.0625	+0.0003	0.010	- 5 4 25.1	2	19.986	0.045	0.16
141	" "	"	....	8-9	65.7	65.0	54.19	3	"	"	"	27.0	3	"	"	"
142	- 4 43	8.7	8	9	78.95	75.0	19 3.37	2	3.0631	+0.0005	0.010	- 4 41 10.2	2	19.985	0.046	0.16
143	+ 11 57	9.5	9.5	9.5	74.02	70.0	19 7.69	2	3.0956	+0.0093	0.010	+11 50 44.9	2	19.984	0.046	0.17
144	+ 3 41	8.7	8	8.4	68.8	68.0	19 30.80	2	3.0787	+0.0047	0.010	+ 3 13 51.9	2	19.982	0.047	0.17
145	+ 50 72	8.2	9	8.3	66.82	66.0	19 34.74	1	3.2111	+0.0424	0.031	+50 35 16.9	1	19.981	0.048	0.19
146	- 14 62	8.7	....	...	66.7	66.0	19 35.30	4	3.0439	-0.0042	0.010	-13 56 57.7	4	19.981	0.046	0.16
147	+ 26 53	9.5	....	9.5	70.75	70.0	19 46.63	2	3.1303	+0.0185	0.013	+26 45 9.3	2	19.980	0.048	0.17
148	+ 5 52	8.5	....	8-9	69.74	70.0	19 52.87	2	3.0832	+0.0058	0.010	+ 5 24 8.2	2	19.979	0.047	0.17
149	+ 39 82	8.2	....	8.4	64.78	65.0	20 8.29	3	3.1701	+0.0294	0.020	+39 49 34.8	3	19.977	0.049	0.18
150	+ 26 57	8.2	....	8-9	70.7	70.0	20 16.51	3	3.1311	+0.0184	0.013	+26 29 45.1	..	19.976	0.048	0.17
151	+ 26 59	8.8	....	8.8	70.75	70.0	20 33.46	2	3.1331	+0.0188	0.013	+26 55 54.2	2	19.974	0.049	0.17
152	- 4 45	9.0	....	9	76.78	76.0	20 34.12	2	3.0625	+0.0007	0.010	- 4 39 19.5	2	19.973	0.049	0.16
153	+ 9 46	9.5	....	9.5	77.79	75.0	21 31.90	1	3.0941	+0.0084	0.010	+ 9 53 24.0	1	19.966	0.051	0.17
154	" "	"	....	...	76.89	75.0	32.14	1	"	"	"	25.3	1	"	"	"
155	+ 31 59	6.7	....	6.7	83.7	83.0	21 53.19	4	3.1511	+0.0225	0.014	+31 44 47.9	4	19.963	0.052	0.18
156	+ 11 59	9.1	9.5	9	74.02	70.0	22 4.10	2	3.0993	+0.0095	0.010	+11 53 48.9	2	19.961	0.052	0.17
157	- 5 69	8.8	....	9	65.65	65.0	22 18.02	2	3.0597	+0.0003	0.010	- 5 30 40.5	2	19.959	0.052	0.16
158	" "	"	....	9	65.7	65.0	18.27	3	"	"	"	40.1	3	"	"	"
159	- 6 79	7.8	....	8.5	84.85	84.0	22 54.88	4	3.0568	-0.0002	0.010	- 6 35 41.6	4	19.954	0.053	0.16
160	- 3 57	7.1	7.5	7.1	69.77	69.0	23 15.17	2	3.0639	+0.0014	0.010	- 3 31 50.0	2	19.951	0.053	0.16

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
121	104 329-31	Königsberg, Rahts	.....	.....	.....	Derselbe Stern wie Nr. 119 u. 120.
122	94 293	Berlin, Tietjen	Schjellerup 116-117	58 <sup>s</sup> .85	16" 2	
123	72 113	Berlin, Romberg	Albany A.G.C. 62	58.92	13.1	E.B. — 0 <sup>s</sup> .001, — 0" .14, nach Albany Cat. pag. 223.
124	84 255	Berlin, Knorre	Weisse, 260 B.Z. 26	27.01	19.1	
125	69 67	Berlin, Romberg	B. D. 56	32.3	12' 7	
126	69 67	Berlin, Romberg	Weisse, 269 B.Z. 202	53.04	38" 1	
127	94 293	Berlin, Tietjen	B. B. VI 44	8.43	58.7	
128	76 43	Leipzig, Engelmann	Karlsruhe Beob. II, S. 175	16.01	48.4	
129	69 67, 79 77	Berlin, Romberg	Paris Cat, 400	15.94	46.3	A. N. 79 Decl. 0" .8 südlicher.
130	98 29	Cap	Cordoba G.C. 302	18.58	36.1	
131	94 285	Berlin, Tietjen	Schjellerup 128	25.57	10.8	A. N. A. R. — 0 <sup>s</sup> .10 corr. nach Mittheilung von Dr. Knorre.
132	69 67	Berlin, Romberg	Albany A.G.C. 69	32.13	5.1	
133	111 49, 100 359	Hamburg, Schrader	Kam 74	54.85	3.0	
134	100 359	Kremsmünster	Trettenero 25	54.58	5.5	
135	90 203, 89 359	Leipzig, Weinek	Albany A.G.C. 71	2.24	7.3	A. N. 89 verbunden mit Berl. Mer. Beob.
136	94 293	Berlin, Tietjen	Weisse, 285 B.Z. 116	2.29	5.1	B. Z. — 1 <sup>s</sup> corrigirt nach B. B. V pag. XXXII.
137	94 293	Berlin, Tietjen	B. D. 48	4.8	20' 8	
138	69 363	Königsberg, Sievers	Paris Cat, 426	10.19	26" 9	
139	95 293	Pola, J. Palisa	Leiden mikrom. Anschluss	40.2	36' 3	Siehe Noten.
140	69 67	Berlin, Romberg	Paris Cat, 447	54.16	27" 2	
141	69 363	Königsberg, Sievers	Glasgow Cat. I 100	54.07	28.9	
142	95 293	Pola, J. Palisa	Weisse, 300 B. Z. 105 u. 132	3.39	11.4	
143	84 225	Berlin, Knorre	B. B. VI 57	7.58	43.1	
144	74 75	Washington	Albany A.G.C. 76	30.99	56.8	Decl. + 1" corrigirt cf. A. N. 78 p. 167.
145	69 102	Leipzig, Engelmann	Cambridge (M.) A.G.C. 172	34.86	16.4	B. B. VI, 72, 34 <sup>s</sup> .80, 18" .1; 7 <sup>m</sup> .7.
146	73 64	Königsberg, Lorek	Kam 79	35.09	50.9	
147	81 67	Berlin, Tietjen.	B. D. 53	47.2	44' 3	
148	81 67	Berlin, Tietjen	Weisse, 313 B.Z. 38	53.48	8" 1	E. B. 0 <sup>s</sup> .0000, — 0" .154 nach Glasgow II, 30.
149	69 67	Berlin, Romberg	Lund A.G.Z. 70 u. 77	8.24	35.4	
150	77 158	Durham, Plummer	Paris Cat, 488	16.53	48.9	Bloss in A. R. scharf bestimmt.
151	77 263	Leiden, Becker u. [Valentiner]	B. D. 59	32.5	55' 9	
152	94 285	Berlin, Tietjen	Schjellerup 146	34.06	19" 8	
153	92 369	Pola, J. Palisa	B. D. 46	32.4	54' 2	
154	91 189	Pola, J. Palisa	.....	.....	.....	
155	108 319	Strassburg, Schur	Leiden A.G.Z. 112 u. 115	53.20	47" 6	
156	84 225	Berlin, Knorre	M <sub>1</sub> 244	4.33	....	M <sub>1</sub> scharfe Declin. fehlt. M <sub>2</sub> 125 hat 3 <sup>s</sup> .87, 49" .9; 9 <sup>m</sup> 8.
157	67 27	Leiden, v. Hennekeler	Weisse, 345 B. Z. 105	17.88	41.1	
158	69 363	Königsberg, Sievers	Rümker N. F. 147.	17.78	43.1	
159	111 103	Pulkowa, Romberg	Schjellerup 157	55.02	36.4	E. B. { — 0 <sup>s</sup> .006, — 0" .25; Porter Cat. Prop. Mot. Nr. 31. — 0.0045, — 0 .251; A. N. 111 p. 103.
160	76 43	Leipzig, Engelmann	Karlsruhe Beob. II, S. 175	15.26	50.8	— 0.0052, — 0 .233; Stumpe A. N. 125 S. 395.

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle	Beob.	Pos.										
					1800 +											
161	+ 5° 59	9.1	....	9.0	79.9	79.0	Oh 23 <sup>m</sup> 39 <sup>s</sup> 72	..	+ 3 <sup>s</sup> 0859	+ 0 <sup>s</sup> 0062	+ 0 <sup>s</sup> 010	+ 5° 38' 35" 7	..	19 <sup>"</sup> 947	- 0 <sup>"</sup> 055	- 0 <sup>"</sup> 17
162	+ 15 71	9.0	9.0	9	82.70	82.0	24 30.73	13	3.1119	+ 0.0117	0.010	+ 15 30 30.7	13	19.940	0.057	0.17
163	" "	"	....	...	82.75	82.0	30.80	9	"	"	"	30.9	10	"	"	"
164	" "	"	9.0	...	82.81	82.0	30.89	7	"	"	"	31 6	5	"	"	"
165	+ 5 62	8.8	....	9.0	76.77	76.0	24 47.49	2	3.0853	+ 0.0060	0.010	+ 5 11 5.0	2	19.937	0.057	0.17
166	.....	...	....	10	76.78	76.0	24 55.78	1	3.0858	+ 0.0061	0.010	+ 5 20 16.4	1	19.936	0.057	0.17
167	+ 1 79	8.8	....	8.7	69.7	70.0	25 25.73	3	3.0768	+ 0.0042	0.009	+ 1 46 8.0	3	19.931	0.058	0.17
168	" "	"	....	9	69.7	69.0	25.81	1	"	"	"	10..	..	"	"	"
169	- 19 74	7.0	8	8 $\frac{1}{2}$	66.00	65.0	25 47.38	2	3.0208	- 0.0064	0.011	- 18 54 42.2	2	19.927	0.058	0.16
170	+ 5 66	9.0	....	8-9	?	79.0	26 19.94	..	3.0868	+ 0.0062	0.010	+ 5 22 12.8	..	19.922	0.060	0.17
171	.....	...	10.8	11	69.77	69.0	26 35.45	1	3.0779	+ 0.0045	0.009	+ 2 5 57.8	1	19.919	0.060	0.17
172	+ 26 78	9.1	....	9.1	70.75	70.0	26 47.32	2	3.1498	+ 0.0189	0.013	+ 26 26 0.0	2	19.917	0.062	0.18
173	+ 2 64	8.9	....	9.0	69.7	69.0	27 0.18	3	3.0785	+ 0.0046	0.009	+ 2 17 24..	..	19.915	0.061	0.17
174	" "	"	9	8.8	67.86	65.0	0.19	2	"	"	"	19.2	2	"	"	"
175	.....	...	....	7	77.79	75.0	27 36.04	3	2.9569	- 0.0162	0.016	- 35 40 31.2	3	19.909	0.060	0.14
176	+ 5 69	8.1	....	7.5	76.79	76.0	27 41.82	3	3.0871	+ 0.0062	0.010	+ 5 16 0.7	3	19.908	0.063	0.17
177	.....	...	9.7	10-11	72.81	72.0	29 2.14	1	3.1292	+ 0.0139	0.011	+ 18 38 24.8	1	19.893	0.066	0.17
178	+ 10 63	8.8	9.5	10	75.76	80.0	29 40.23	2	3.1056	+ 0.0094	0.009	+ 10 56 35.2	2	19.886	0.067	0.17
179	+ 8 80	7.9	....	8.5	?	70.0	29 56.65	..	3.0973	+ 0.0079	0.010	+ 8 11 12.1	..	19.883	0.072	0.17
180	- 1 71	9.0	9	9.0	64.89	65.0	30 0.78	2	3.0684	+ 0.0029	0.009	- 1 16 12.6	2	19.883	0.067	0.16
181	+ 26 92	8.0	....	7.5	70.7	70.0	30 7.46	3	3.1591	+ 0.0191	0.013	+ 26 21 49..	..	19.881	0.062	0.18
182	+ 6 78	9.5	9.5	9.5	83.98	80.0	30 36.89	2	3.0920	+ 0.0069	0.009	+ 6 19 2.6	2	19.875	0.068	0.17
183	" "	"	....	...	79.9	79.0	37.55	..	"	"	"	5.9	..	"	"	"
184	+ 2 78	9.5	9.5	9.5	83.98	80.0	30 47.76	2	3.0817	+ 0.0052	0.009	+ 3 0 41.4	2	19.873	0.069	0.17
185	+ 10 65	7.3	....	8.5	69.8	70.0	30 48.56	2	3.1063	+ 0.0093	0.009	+ 10 44 55.0	2	19.873	0.069	0.17
186	+ 47 148	8.0	8.7	...	66.82	66.0	31 2.54	2	3.2700	+ 0.0402	0.029	+ 47 36 20.0	2	19.871	0.073	0.20
187	- 17 93	9.2	9.0	9.2	83.99	80.0	31 27.38	1	3.0141	- 0.0054	0.010	- 17 37 44.1	1	19.866	0.069	0.16
188	" "	"	....	...	80.7	80.0	27.56	..	"	"	"	38.1	..	"	"	"
189	+ 10 66	9.5	....	9.5	69.87	70.0	31 42.50	2	3.1056	+ 0.0091	0.009	+ 10 16 8.1	2	19.863	0.071	0.17
190	+ 3 78	9.2	9.0	8.9	84.00	80.0	31 46.00	1	3.0829	+ 0.0054	0.009	+ 3 17 37.4	1	19.862	0.071	0.17
191	+ 25 92	6.5	....	6.5	70.7	70.0	32 20.65	3	3.1625	+ 0.0187	0.012	+ 25 38 11..	..	19.855	0.073	0.18
192	- 1 77	9.0	....	9.0	69.73	70.0	32 35.65	2	3.0661	+ 0.0028	0.009	- 1 51 20.6	2	19.852	0.072	0.16
193	+ 2 84	7.5	9	7.7	64.50	65.0	32 40.84	2	3.0803	+ 0.0050	0.009	+ 2 26 6.6	2	19.851	0.072	0.16
194	+ 31 89	8.5	....	8.5	83.7	83.0	32 48.72	3	3.1912	+ 0.0235	0.015	+ 31 56 31.7	3	19.849	0.075	0.19
195	+ 10 69	9.2	....	9	69.8	69.0	32 59.30	4	3.1073	+ 0.0092	0.009	+ 10 20 46..	..	19.847	0.074	0.17
196	+ 10 70	7.3	....	8.5	69.8	70.0	33 10.02	2	3.1092	+ 0.0095	0.009	+ 10 50 43.6	2	19.845	0.074	0.17
197	- 5 95	8.8	....	9	65.65	65.0	33 19.28	2	3.0532	+ 0.0009	0.009	- 5 36 10.2	2	19.843	0.073	0.16
198	+ 3 85	9.1	....	9	69.8	69.0	33 57.02	1	3.0832	+ 0.0054	0.009	+ 3 11 8.2	1	19.835	0.075	0.17
199	.....	...	8	9	80.1	80.0	34 18.20	2	2.9416	- 0.0138	0.014	- 33 14 46.7	2	19.830	0.073	0.15
200	+ 3 86	8.0	....	8.2	67.7	67.0	34 23.69	2	3.0855	+ 0.0058	0.009	+ 3 47 31.1	2	19.829	0.076	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
161	96 231	Kremsmünster	B. B. VI. 59	39 <sup>s</sup> 71	36 <sup>m</sup> 2	
162	105 60	Pulkowa, Romberg	Weisse, 598 B. Z. 113	30.80	30.5	
163	107 322	Helsingfors, Donner	.....	.....	.....	
164	104 331	Königsberg, Rahts	.....	.....	.....	
165	94 293	Berlin, Tietjen	Albany, A. G. C. 94	47.44	5.9	
166	94 305	Berlin, Tietjen	Markree Cat. Vol. IV pag. 42	55...	21' 3	
167	76 53	Königsberg, Lorek	Albany A. G. C. 99	25.64	7 <sup>m</sup> 9	
168	76 45	Durham, Plummer	Weisse, 399 B. Z. 36	25.83	9.9	Bloss in A.R. scharf bestimmt.
169	69 67	Berlin, Romberg	Cordoba G. C. 450	47.24	41.4	
170	96 318	Ann-Arbor	Weisse, 422 B. Z. 116	20.18	9.1	
171	76 43	Leipzig, Engelmann	Pariser Karte N <sup>o</sup> . 2	37...	4' 7	Ein zweiter Stern auf dieser Karte 11 <sup>m</sup> folgt 1 <sup>s</sup> und 1' südlicher.
172	81 67	Berlin, Tietjen	B. D. 78	45.8	26' 1	
173	76 45	Durham, Plummer	Albany A. G. C. 105	0.22	19 <sup>m</sup> 4	
174	72 113	Berlin, Romberg	B. B. VI 64	0.16	23.9	
175	92 243	Pola, J. Palisa	Cordoba G. C. 478	36.14	25.8	E. B. —0 <sup>s</sup> .0023 —0 <sup>m</sup> 493, nach Stumpe A.N. 125 S. 395.
176	94 305	Berlin, Tietjen	Albany, A. G. C. 110	41.87	2.7	
177	81 363	Leipzig, Engelmann	Leiden, mikrom. Anschluss	58.9	37' 2	Siehe Noten.
178	88 17	Berlin, Becker	M <sub>1</sub> 328	40.53	35 <sup>m</sup> 2	
179	77 21	Ann-Arbor	Schjellerup 199	56.49	11.1	
180	69 67	Berlin, Romberg	Göttingen Cat. I 98-99	0.58	13.9	
181	77 158	Durham, Plummer	Yarnall 288	7.47	53.1	Bloss in A.R. scharf bestimmt.
182	111 165	Berlin, Knorre	B. B. VI 78	36.53	7.4	
183	96 231; 98 253	Kremsmünster	.....	.....	.....	
184	111 165	Berlin, Knorre	Schjellerup, 206	47.52	42.5	
185	75 380; 76 63	Chicago, Safford	Schjellerup 207—8	48.51	54.2	A.N. 76 A. R. 0 <sup>s</sup> .03 kleiner, δ 0 <sup>m</sup> .1 südlicher.
186	69 102	Leipzig, Engelmann	Kam, 110	2.76	19.2	Bonn A. G. C. 481, 2 <sup>s</sup> .85, 17 <sup>m</sup> .8; 8 <sup>m</sup> .2.
187	111 165	Berlin, Knorre	B. D. 93	27.6	37' 5	
188	101 201	Kremsmünster	.....	.....	.....	
189	81 67	Berlin, Tietjen	B. D. 66	45.0	14.3	
190	111 165	Berlin, Knorre	Albany, A. G. C. 138	46.09	36 <sup>m</sup> 7	
191	77 158	Durham, Plummer	Armagh Cat. II 94	20.63	11.5	Bloss in A. R. scharf bestimmt.
192	81 67	Berlin, Tietjen	Göttingen Cat. I 114—5	35.36	21.0	M <sub>1</sub> 355, 35 <sup>s</sup> .96, 17 <sup>m</sup> .0, 10 <sup>m</sup> .
193	69 67	Berlin, Romberg	Albany, A. G. C. 142	41.58	10.5	E, B. { +0 <sup>s</sup> .0494 +0 <sup>m</sup> .284 Stumpe A.N. 125 S. 395. +0 <sup>s</sup> .0482 +0 <sup>m</sup> .277 Albany Cat. p. 223.
194	108 391	Strassburg, Schur	Leiden, A. G. Z. 132 u. 227	48.69	32.0	{ +0 <sup>s</sup> .049 +0 <sup>m</sup> .29 Porter Cat. Prop. Mot. Nr. 47.
195	76 45	Durham, Plummer	Glasgow, Cat. I 173	59.33	43.0	Bloss in A.R. scharf bestimmt.
196	75 380, 76 63	Chicago, Safford	Schjellerup 221	9.78	44.2	A. N. 76 A. R. 0 <sup>s</sup> .49 kleiner.
197	67 27	Leiden, v. Hennekeler	Weisse, 543 B. Z. 109	19.28	16.0	
198	75 173	Warschau	Schjellerup 228	56.76	11.7	A. N. verbunden mit mikr. Anschluss an Weisse, 544, Lam. 116, Sant. 36.
199	98 29	Cap	Cordoba G. C. 611	17.68	42.5	
200	78 167	Warschau	Albany A. G. C. 147	23.98	31.6	E. B. in A.R. vermutet cf. A.N. 73 p. 167 Siehe Noten.

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
201	+ 11° 83	8.8	9	9	75.76	80.0	0h 34m 37s 99	2	+ 3s 1124	+0s 0098	+0s 009	+11° 16' 3" 6	2	19" 826	-0" 077	- 0" 17
202	+ 25 100	9.3	....	9.3	70.75	70.0	34 54.95	2	3.1706	+0.0190	0.012	+25 52 9.6	2	19.822	0.079	0 18
203	- 0 103	9.1	9.0	9.2	65.99	65.0	35 32.64	1	3.0697	+0.0035	0.009	- 0 42 32.8	1	19.813	0.077	0.16
204	+ 6 89	9.0	....	8.8	79.9	79.0	35 32.79	..	3.0961	+0.0073	0.009	+ 6 34 43.5	..	19.813	0.078	0 17
205	+ 2 92	9.0	....	9.2	76.7	76.0	35 37.19	1	3.0823	+0.0053	0.009	+ 2 46 42.4	1	19.813	0.078	0.17
206	+ 11 86	8.2	....	8.	77.79	75.0	35 38.74	1	3.1135	+0.0099	0.009	+11 15 33.4	1	19.812	0.079	0.17
207	» »	»	....	8-9	75.96	75.0	38.83	1	»	»	»	34.3	1	»	»	»
208	+ 10 74	8.8	....	8.8	69.9	69.0	35 41.92	2	3.1094	+0.0093	0.009	+10 8 1.3	2	19.812	0.079	0.17
209	» »	»	....	...	69.88	70.0	42.12	3	»	»	»	1.5	3	»	»	»
210	» »	»	....	...	69.9	70.0	42.20	1	»	»	»	0.1	1	»	»	»
211	+ 35 129	8.7	....	8.9	?	76.0	35 44.75	1	3.2212	+0.0270	0.016	+35 39 15.6	1	19.811	0.081	0.19
212	+ 10 77	9.0	....	9	69.8	69.0	35 53.39	..	3.1108	+0.0095	0.009	+10 29 25..	..	19.809	0.079	0.17
213	.....	...	6	9.9	85.67	85.0	35 54.09	1	3.2509	+0.0320	0.019	+40 34 57.2	1	19.809	0.082	0.20
214	.....	...	8.3	...	85.70	85.0	54.13	2	»	»	»	54.7	2	»	»	»
215	.....	...	8.2	...	85.67	75.0	54.21	1	»	»	»	56.9	1	»	»	»
216	+ 3 93	7.3	....	7.9	69.8	69.0	35 56.96	2	3.0850	+0.0057	0.009	+ 3 29 3..	..	19.808	0.079	0.16
217	+ 10 78	8.5	....	9	69.8	69.0	36 8.05	1	3.1109	+0.0095	0.009	+10 25 36..	..	19.805	0.080	0.17
218	- 0 105	8.5	9.0	8.5	66.94	65.0	36 18.70	2	3.0724	+0.0039	0.009	+ 0 3 6.1	2	19.803	0.079	0.16
219	+ 4 101	9.3	9.3	9.3	84.00	80.0	36 22.53	2	3.0876	+0.0061	0.009	+ 4 10 10.6	2	19.802	0.079	0.17
220	» »	»	....	...	78.88	78.0	22.71	4	»	»	»	8.5	4	»	»	»
221	.....	...	10½	10.6	84.8	84.0	36 40.02	2	2.9541	-0.0111	0.013	-29 0 33.5	2	19.798	0.077	0.14
222	+ 1 125	7.8	8	7.8	66.97	65.0	36 58.57	2	3.0794	+0.0049	0.009	+ 1 53 53.0	2	19.794	0.080	0.16
223	+ 40 154	9.0	9½	9	66.78	66.0	37 57.17	3	3.2613	+0.0323	0.020	+40 37 44.1	3	19.781	0.087	0.20
224	+ 6 97	8.5	....	9	79.9	79.0	38 16.15	..	3.0993	+0.0076	0.009	+ 6 56 5.4	..	19.775	0.084	0.17
225	- 0 109	6.8	7.5	6.8	65.86	65.0	38 44.54	2	3.0706	+0.0038	0.009	- 0 25 44.5	2	19.768	0.084	0.10
226	+ 4 111	9.0	9.3	8.9	69.77	69.0	39 8.93	2	3.0910	+0.0065	0.009	+ 4 42 59.7	2	19.762	0.085	0.17
227	+ 1 134	9.2	9.2	9.2	84.00	80.0	39 47.76	1	3.0770	+0.0047	0.009	+ 1 11 10.4	1	19.753	0.086	0.16
228	+ 9 88	9.0	....	9.0	69.9	69.0	40 17.53	..	3.1130	+0.0094	0.009	+ 9 53 31.2	..	19.745	0.088	0.17
229	» »	»	....	10	69.9	70.0	17.75	3	»	»	»	28.0	3	»	»	»
230	+ 4 117	8.5	....	8.6	67.7	67.0	40 18.06	3	3.0913	+0.0065	0.009	+ 4 39 49.8	3	19.745	0.087	0.17
231	+ 25 115	8.8	....	9	70.75	70.0	40 21.82	2	3.1834	+0.0190	0.012	+25 23 42.9	2	19.744	c.090	0.18
232	+ 26 123	9.5	9.5	9.6	83.98	80.0	40 30.32	2	3.1909	+0.0201	0.013	+26 46 35.1	2	19.742	0.090	0.18
233	.....	..	9	10.6	84.8	84.0	40 56.70	2	2.9293	-0.0118	0.012	-31 2 26.1	2	19.735	0.084	0.14
234	+ 26 126	7.6	....	...	72.75	70.0	41 4.79	1	3.1906	+0.0198	0.013	+26 24 51.7	1	19.733	0.091	0.18
235	+ 7 110	9.5	...	...	72.92	70.0	41 17.00	2	3.1052	+0.0083	0.009	+ 7 50 43.6	2	19.730	0.089	0.17
236	... ..	...	8	9	80.1	80.0	41 36.08	2	2.9147	-0.0129	0.014	-33 8 27.5	2	19.725	0.085	0.14
237	+ 4 123	6.0	....	6.5	70.73	70.0	41 49.44	2	3.0919	+0.0066	0.009	+ 4 38 19.5	2	19.721	0.090	0.17
238	+ 4 124	9.5	....	9.3	69.72	70.0	42 43.29	2	3.0932	+0.0068	0.009	+ 4 49 35.6	2	19.707	0.092	0.17
239	+ 22 129	8.1	...	8.	76.91	75.0	42 50.00	2	3.1749	+0.0172	0.011	+22 26 46.5	2	19.705	0.094	0.18
240	+ 3 110	9.0	....	9.2	65.99	65.0	43 17.49	2	3.0881	+0.0061	0.009	+ 3 36 11.4	2	19.697	0.093	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
201	88 17	Berlin, Becker	Schjellerup 233	37 <sup>s</sup> 95	5" 3	
202	81 67	Berlin, Tietjen	B. D. 100	55.4	50' 7	
203	69 67	Berlin, Romberg	B. B. VI 103	32.44	29" 2	
204	96 318	Kremsmünster	Yarnall 345	32.74	44.5	
205	89 265	Marseille, Stephan	Albany A. G. C. 157	37.22	42.1	
206	92 369	Pola, J. Palisa	M <sub>1</sub> 383	38.75	32.6	
207	91 189	Pola, J. Palisa	Paris Cat <sub>3</sub> 875	38.68	34.8	A.N. Epoche der Declin. Beob. 76.89.
208	75 322	Washington	Yarnall 350	41.97	1.0	A.N. wahrscheinlich identisch mit Yarnall.
209	81 67	Berlin, Tietjen	Göttingen Cat. II 206	42.01	58.0	
210	75 380, 76 63	Chicago, Safford.	.....	.....	.....	A.N. 76 A.R. 0 <sup>s</sup> .05 kleiner.
211	89 265	Marseille, Stephan	Lund A.G.Z. 45 u. 61	44.87	15.2	
212	76 45	Durham, Plummer	Weisse <sub>1</sub> 602 B.Z. 29	54.10	25.5	Bloss in A.R. scharf bestimmt.
213	112 284	Wien, Spitaler	Wash. Obs. 1885 p. 260 Nr. 32	54.21	55.8	
214	112 403	Karlsruhe, Valentiner	A.N. 113, 269 mikr. Anschluss	53.96	56.0	Nova im grossen Andromeda-Nebel.
215	112 247	Bonn, Deichmüller	A.N. 114, 326 Merid. Beob.	54.10	56.4	
216	76 45	Durham, Plummer	Albany A.G.C. 164	56.99	54.8	Bloss in A.R. scharf bestimmt.
217	76 45	Durham, Plummer	Weisse <sub>1</sub> 605 B.Z. 29	8.02	36.3	" " " " "
218	69 67	Berlin, Romberg	Göttingen Cat I 130-1	18.54	5.5	
219	111 165	Berlin, Knorre	B.D. 101	21.0	10' 3	
220	94 305	Kremsmünster	.....	.....	.....	
221	112 143	Cap	Gill-Kapteyn Photogr. D.M.	40.3	0' 7	
222	69 67	Berlin, Romberg	Albany A.G.C. 170	58.41	52" 5	Paris Cat <sub>3</sub> 900 58 <sup>s</sup> 31, 54" 0; A.N. + 2' in $\delta$ corrigirt.
223	69 102, 70 165	Leipzig, Engelmann	Weisse <sub>2</sub> 969 B.Z. 440	57.41	45.9	A.N. 70. A.R. 0 <sup>s</sup> .18 grösser, $\delta$ . 1" 0 südlicher; s. Noten.
224	96 318	Kremsmünster	Rümker N.F. 270	15.87	4.5	Bonn A.G.C. 578, 57 <sup>s</sup> 35, 44" 2; 8 <sup>m</sup> .4
225	69 67	Berlin, Romberg	Göttingen Cat. I 138-9	44.39	45.6	Paris Cat <sub>3</sub> 929, 16 <sup>s</sup> .05, 4" 3; 8-9 <sup>m</sup> .
226	76 43	Leipzig, Engelmann	Albany A.G.C. 184	8.67	58.7	
227	111 165	Berlin, Knorre	Albany A.G.C. 188	47.90	9.6	
228	75 321	Washington	Yarnall 385	17.54	31.8	A.N. wahrscheinlich identisch mit Yarnall.
229	75 380, 75 321, 76 63	Chicago, Safford	Schjellerup 266	17.50	30.4	A.N. 76 A.R. 0 <sup>s</sup> .04 kleiner, $\delta$ . 0" 1 nördlicher.
230	74 247	Königsberg, Lorek	Albany, A.G.C. 193	18.05	43.5	
231	81 67	Berlin, Tietjen	W <sub>3</sub> 1018-19 B.Z. 388 u. 445	21.30	44.7	
232	111 165, 111 221	Berlin, Knorre	B.B. VI 123	30.32	32.7	
233	112 143	Cap	Gill-Kapteyn Photogr. D.M.	57.1	2' 5	
234	81 67	Berlin, Tietjen	Rümker 180	4.69	52" 4	
235	84 241	Berlin, Tietjen	A.N. 81, 98 mikr. Anschluss	17.21	46.9	
236	98 29	Cap	Cordoba G.C. 728	36.06	26.2	
237	81 67	Berlin, Tietjen	Albany A.G.C. 204	49.95	8.1	E.B. { + 0 <sup>s</sup> .0532, — 1" 171 nach Albany Cat. p. 223.
238	81 67	Berlin, Tietjen	Albany A.G.C. 206	43.24	37.9	+ 0.050, — 1.15. Porter Prop. Mot. Nr. 64.
239	91 189	Pola, J. Palisa	M <sub>1</sub> 445	50.12	48.5	Berl. A.G.Z. 355 u. 395, 50 <sup>s</sup> .05, 47" 5, 8 <sup>m</sup> .0.
240	67 25	Leiden, Kam u. v. [Hennekeler]	Albany A.G.C. 211	17.61	9.8	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. sacc.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +								+			
241	+ 3° 110	9.0	9	9.0	66.00	65.0	Oh 43 <sup>m</sup> 17 <sup>s</sup> 54	2	+ 3 <sup>s</sup> 0881	+ 0 <sup>s</sup> 0061	+ 0 <sup>s</sup> 009	+ 3° 36' 10" 0	2	19" 697	— 0" 093	— 0" 17
242	+ 37 148	9.2	9.3	9.1	66.82	66.0	43 39.43	1	3.2661	+ 0.0295	0.014	+ 37 25 27.9	1	19.691	0.099	0.20
243	+ 4 127	9.5	....	9.5	76.77	75.0	43 44.31	3	3.0937	+ 0.0068	0.009	+ 4 50 30.9	3	19.690	0.094	0.17
244	+ 37 149	8.9	9.2	9.0	66.93	66.0	43 45.81	2	3.2671	+ 0.0296	0.014	+ 37 30 58.5	1	19.690	0.099	0.20
245	+ 3 112	9.3	....	9.3	66.00	65.0	44 0.26	2	3.0895	+ 0.0063	0.009	+ 3 52 39.8	2	19.686	0.094	0.17
246	+ 9 97	8.5	....	9	69.8	70.0	44 3.20	2	3.1160	+ 0.0095	0.009	+ 9 43 50.1	2	19.685	0.095	0.17
247	+ 37 151	7.0	8.3	7.0	66.82	66.0	44 21.12	1	3.2686	+ 0.0295	0.014	+ 37 21 46.8	1	19.680	0.100	0.20
248	+ 7 119	8.4	....	8	79.9	79.0	44 26.45	..	3.1055	+ 0.0082	0.009	+ 7 21 59.4	..	19.678	0.096	0.17
249	+ 4 128	8.8	....	8.9	69.73	70.0	44 32.90	2	3.0947	+ 0.0069	0.009	+ 4 57 41.1	2	19.677	0.095	0.17
250	» »	»	8.8	9.0	69.77	69.0	44 33.10	2	»	»	»	41.7	2	»	»	»
251	+ 37 153	9.3	9.3	9.2	66.86	66.0	44 40.14	2	3.2703	+ 0.0296	0.018	+ 37 24 45.8	1	19.675	0.101	0.20
252	+ 5 114	9.5	9.5	9.7	68.9	68.0	44 40.74	1	3.0961	+ 0.0071	0.009	+ 5 16 30.4	1	19.674	0.096	0.17
253	— 5 138	7.2	8.0	8.0	73.91	73.0	44 47.69	..	3.0463	+ 0.0015	0.009	— 5 42 58.7	..	19.672	0.095	0.16
254	» »	»	7	7-8	77.80	75.0	47.82	1	»	»	»	58.5	1	»	»	»
255	— 5 139	8.5	9	9	77.99	75.0	44 51.20	1	3.0455	+ 0.0014	0.009	— 5 51 47.9	1	19.671	0.095	0.16
256	+ 2 118	6.2	....	7	66.72	65.0	44 52.12	2	3.0845	+ 0.0058	0.009	+ 2 42 25.2	2	19.671	0.095	0.16
257	» »	»	6.7	6.6	66.88	65.0	52.25	1	»	»	»	25.0	1	»	»	»
258	+ 3 113	9.0	9.5	9.1	83.96	80.0	45 11.04	3	3.0875	+ 0.0061	0.009	+ 3 20 31.5	2	19.666	0.097	0.16
259	+ 5 115	9.5	9.5	10.5	68.8	68.0	45 14.57	3	3.0978	+ 0.0073	0.009	+ 5 34 2.2	3	19.665	0.097	0.17
260	+ 6 117	9.4	....	9.4	78.90	78.0	45 26.14	3	3.1013	+ 0.0077	0.009	+ 6 17 39.0	3	19.661	0.097	0.17
261	» »	»	9.4	...	83.99	80.0	26.23	1	»	»	»	38.8	1	»	»	»
262	+ 3 115	8.0	....	8.0	65.7	65.0	45 29.47	..	3.0878	+ 0.0061	0.009	+ 3 22 48.1	..	19.660	0.097	0.17
263	.....	...	...	10½	65.99	65.0	45 29.69	1	3.0939	+ 0.0068	0.009	+ 4 41 51.1	1	19.660	0.097	0.17
264	— 5 145	9.5	10	9.5	77.79	75.0	46 4.79	2	3.0451	+ 0.0015	0.009	— 5 48 2.0	2	19.650	0.097	0.16
265	+ 5 117	8.7	9	9.5	68.8	68.0	46 12.49	3	3.1003	+ 0.0076	0.009	+ 5 59 11.4	1	19.648	0.099	0.17
266	+ 9 101	8.3	....	8-9	69.72	70.0	46 17.19	2	3.1153	+ 0.0093	0.009	+ 9 7 29.5	2	19.647	0.100	0.17
267	+ 34 138	8.9	8.8	8.9	66.97	66.0	46 57.33	1	3.2587	+ 0.0269	0.015	+ 34 25 21.9	1	19.635	0.105	0.19
268	+ 2 126	8.5	9	8.8	66.01	65.0	47 2.40	1	3.0847	+ 0.0058	0.009	+ 2 37 25.3	1	19.633	0.100	0.16
269	+ 4 134	9.5	9.5	9.5	75.95	80.0	47 3.35	1	3.0953	+ 0.0070	0.009	+ 4 50 38.3	1	19.633	0.100	0.17
270	+ 5 118	9.0	....	8.8	66.94	65.0	47 7.88	2	3.0976	+ 0.0072	0.009	+ 5 18 25.8	2	19.632	0.101	0.17
271	+ 24 133	7.0	....	7.0	70.7	70.0	47 18.14	4	3.1989	+ 0.0191	0.012	+ 24 48 31..	..	19.629	0.104	0.18
272	+ 10 105	8.4	....	8.5	74.8	74.0	47 20.15	..	3.1228	+ 0.0101	0.009	+ 10 26 40.0	..	19.628	0.102	0.17
273	+ 6 122	8.7	9	8.0	68.8	68.0	47 20.67	1	3.1040	+ 0.0079	0.009	+ 6 35 50.4	3	19.628	0.101	0.17
274	+ 32 160	7.3	8.0	7.3	66.82	66.0	47 22.21	1	3.2451	+ 0.0249	0.015	+ 32 12 36.1	1	19.627	0.106	0.19
275	+ 21 116	8.4	8.5	9	76.94	75.0	47 26.37	1	3.1821	+ 0.0170	0.011	+ 21 47 11.5	2	19.626	0.104	0.18
276	+ 5 120	8.1	8	8	76.91	76.0	47 30.33	2	3.0969	+ 0.0072	0.009	+ 5 7 47.1	2	19.625	0.101	0.17
277	» »	»	....	8.0	66.93	65.0	30.49	2	»	»	»	48.3	2	»	»	»
278	+ 24 135	8.0	....	8	70.78	70.0	47 35.42	2	3.1991	+ 0.0190	0.012	+ 24 42 56.6	2	19.623	0.105	0.18
279	+ 5 121	9.5	9.6	9.5	76.80	76.0	48 2.05	1	3.1015	+ 0.0077	0.009	+ 6 0 8.0	1	19.616	0.102	0.17
280	+ 0 141	9.3	....	11	78.77	77.0	48 24.17	6	3.0739	+ 0.0047	0.009	+ 0 20 17.5	6	19.609	0.102	0.16



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
241	69 67, 67 122	Berlin, Romberg	B. B. VI 110	178.70	11" 9	A. N. 67 Decl. 0".2 nördlicher. Derselbe Stern wie Nr. 240.
242	69 102	Leipzig, Engelmann	B. B. VI 148	39.69	26.3	
243	94 305	Berlin, Tietjen	B. B. VI 127	44.12	35.3	
244	69 102	Leipzig, Engelmann	B. B. VI 149	45.95	58.6	Lund A. G. Z. 310 u. 316, 46 <sup>s</sup> .04, 59".5; 9 <sup>m</sup> .0.
245	67 25	Leiden, Kam u. van [Hennekeler]	B. D. 112	0.1	52' 8	
246	75 380, 76 63	Chicago, Safford	Schjellerup 289	2.95	50" 3	A. N. 76 A. R. 0 <sup>s</sup> .07 kleiner Declin. 0"1 nördlicher.
247	69 102	Leipzig, Engelmann	B. B. VI 151	21.08	47.9	Lund A. G. Z. 348 u. 366, 21 <sup>s</sup> .19, 46".8; 7 <sup>m</sup> .0
248	96 318	Kremsmünster	Glasgow Cat. I. 221	26.23	56.9	
249	81 67	Berlin, Tietjen	Albany A. G. C. 214	32.85	41.6	
250	76 43	Leipzig, Engelmann	B. B. VI 128	32.70	42.0	A. N. 4 — 1' corr., wie die vergllchenen Quellen erfordern.
251	69 102	Leipzig, Engelmann	B. B. VI 153	40.27	45.8	A. N. Epoche d. Decl. Beob. 66.97. Lund A. G. Z. 335, 481, 547
252	74 75	Washington	B. B. VI 114	39.85	27.8	40 <sup>s</sup> .40, 45"2; 9 <sup>m</sup> .1. Declin. + 1" corrigirt nach A. N. 78 S. 167.
253	88 135, 88 190	Wien, Holetschek	Armagh Cat. II, 122	47.84	2.2	E. B. { + 0 <sup>s</sup> .021, — 0".12; Porter Cat. Prop. Mot. Nr. 71. + 0.0206, 0.000; Paris Cat. 1070. + 0.0205, — 0.128; Stumpe A. N. 125. S. 396.
254	92 243	Pola, J. Palisa	Paris Cat, 1070	47.76	56.5	
255	92 243	Pola, J. Palisa	Weisse, 761 B. Z. 109.	51.02	48.4	
256	69 381	Leiden, Kam	Kam 171	52.05	26.0	
257	69 67	Berlin, Romberg	Albany A. G. C. 217	52.21	22.2	E. B. 0 <sup>s</sup> .0000 — 0".067 nach Albany Cat. p. 223.
258	111 165	Berlin, Knorre	Albany A. G. C. 220	11.03	31.1	
259	74 75	Washington	Wash. Obs. 1880 Nr. 44 u. [1883 Nr. 35]	14.61	0.0	Declin. + 1" corrigirt cf. A. N. 78 S. 167.
260	94 305	Kremsmünster	B. B. VI, 117	26.06	39.9	
261	111 165	Berlin, Knorre	.....	.....	.....	
262	67 122, 75 281	Berlin	Albany A. G. C. 221	29.37	48.6	
263	67 25	Leiden, Kam	Markree Cat. Vol. II, p. 131	30. .	41' 8	
264	92 369	Pola, J. Palisa	B. D. 145	5.3	48.0	{ Declin. in A. N. mit falschem Zeichen cf. Publ. XVIII der A. G. und A. N. 93, S. 111. Declin. + 1" corrigirt. Cf. A. N. 78, S. 167.
265	74 75	Washington	Schjellerup 303	12.24	11" 2	
266	81 67	Berlin, Tietjen	Glasgow Cat. I, 227	17.18	29.4	
267	69 102	Leipzig, Engelmann	Leiden A. G. Z. 352	57.36	20.2	
268	69 67, 75 281	Berlin, Romberg	Albany A. G. C. 226	2.38	23.9	
269	88 17	Berlin, Becker	B. D. 134	2.9	50' 3	
270	69 67, 67 122	Berlin, Romberg	Yarnall 468	7.63	27" 0	A. N. 67 Declin. 0".2 nördlicher.
271	77 158	Durham, Plummer	Armagh Cat. II 130	18.28	30.2	{ Bloss in A. R. scharf bestimmt Berlin A. G. Z. 327, 348, 392, 18 <sup>s</sup> .33, 32".1; 7 <sup>m</sup> .1. Scheinb. Ort. 17 Oct. 1874 Red. — 3 <sup>s</sup> .098 — 22".18. S. Noten.
272	85 54	Peking, Watson	Yarnall 471	19.20	38.2	
273	74 75	Washington	Yarnall 473	20.78	48.9	Declin. + 1" corrigirt cf. A. N. 78, S. 167.
274	69 102	Leipzig, Engelmann	Leiden A. G. Z. 139 u. 351	22.41	35.4	
275	91 189	Pola, J. Palisa	M <sub>1</sub> 488	26.39	14.3	Berlin A. G. Z. 16 u. 353, 26 <sup>s</sup> .43; 11".8; 8 <sup>m</sup> .5
276	90 203	Leipzig, Weinek	Paris Cat, 1138	30.15	47.5	
277	69 67, 67 122	Berlin, Romberg	Albany A. G. C. 228	30.35	46.6	A. N. 67. Declin. 0".2 nördlicher.
278	81 67	Berlin, Tietjen	Paris Cat, 1140	35.29	55.4	Berlin A. G. Z. 183, 188, 327, 395, 35 <sup>s</sup> .40, 56".4; 8 <sup>m</sup> .1
279	90 203	Leipzig, Weinek	B. D. 121	58.4	2' 7	Identität zweifelhaft, siehe Noten.
280	94 297	Kremsmünster	Harvard Zones 24, 25; Nr. 117	24.19	22" 9	

NUM MER.	NUMMER		GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
	der nördl. u. südl. Bonner- Durchmus- terung.	NACH	NACH		DER	MITTLERE	Var. annua.			Var. saec.	3. Glied.	Var. annua.			Var. saec.	3. Glied.		
			B. D.	A. N.													Quelle	Beob.
1800 +																		
281	+	1° 161	9.5	9.5	9.5	83.99	80.0	Oh 48m 29s 81	1	+	3s.0816	+0s.0055	+0s.0009	+1° 54' 61"2	2	19"607	—0"103	—0"16
282		» »	»	....	...	78.90	78.0	29.96	2		»	»	»	59.8	2	»	»	»
283	+	33 130	8.5	8.5	8.5	66.82	66.0	48 43.19	1		3.2616	+0.0265	0.015	+33 52 12.1	1	19.603	0.109	0.19
284	—	2 124	8.6	....	8	69.8	69.0	48 50.41	5		3.0615	+0.0035	0.009	— 2 10 54..	..	19.600	0.103	0.16
285	+	4 138	8.7	....	9.1	70.72	70.0	48 55.26	2		3.0955	+0.0070	0.009	+ 4 41 27.8	2	19.599	0.104	0.17
286	+	29 151	9.3	9.3	9.3	70.87	70.0	49 0.93	2		3.2303	+0.0224	0.014	+29 7 28.0	2	19.597	0.108	0.19
287	+	28 153	8.5	9	8.5	70.85	70.0	49 19.57	1		3.2312	+0.0225	0.014	+29 6 10.8	1	19.592	0.109	0.10
288	+	3 127	8.7	....	8.7	65.7	65.0	49 21.49	..		3.0914	+0.0066	0.009	+ 3 50 2.5	..	19.591	0.105	0.17
289	.....	..	..	10	11½	75.87	80.0	49 41.30	1		3.1005	+0.0075	0.009	+ 5 35 25.1	1	19.585	0.106	0.17
290	—	12 162	6.0	6	6.0	66.96	65.0	49 45.46	2		3.0113	—0.0013	0.009	—11 56 37.5	2	19.583	0.103	0.16
291	+	7 135	8.8	....	9	81.37	80.0	49 55.39	5		3.1110	+0.0086	0.009	+ 7 38 44.3	4	19.580	0.106	0.17
292		» »	»	....	...	79.9	79.0	55.44	..		»	»	»	50.3	..	»	»	»
293	+	5 124	9.3	....	10	76.77	75.0	50 16.51	2		3.1012	+0.0076	0.009	+ 5 40 45.1	2	19.574	0.107	0.17
294	+	34 152	8.0	8.5	7-8	66.91	66.0	50 19.37	1		3.2701	+0.0269	0.016	+34 11 10.7	1	19.573	0.112	0.19
295	+	6 126	9.2	....	9	76.79	75.0	50 24.84	3		3.1067	+0.0082	0.009	+ 6 44 2.3	3	19.571	0.107	0.17
296	+	6 127	9.0	9.0	9	83.96	80.0	50 26.23	2		3.1074	+0.0082	0.009	+ 6 52 20.4	2	19.570	0.107	0.17
297		» »	»	....	...	79.9	79.0	26.25	..		»	»	»	18.7	..	»	»	»
298	+	24 149	8.5	....	8-9	70.7	70.0	50 34.51	1		3.2063	+0.0191	0.012	+24 36 54.7	1	19.568	0.110	0.19
299	+	9 111	9.3	....	9.3	69.88	70.0	50 36.75	5		3.1226	+0.0098	0.009	+ 9 45 21.7	5	19.567	0.108	0.17
300		» »	»	....	...	69.8	70.0	36.87	4		»	»	»	20.1	3	»	»	»
301	+	51 199	7.2	....	7-8	66.44	65.0	50 41.83	2		3.4405	+0.0498	0.035	+51 27 38.2	2	19.566	0.118	0.22
302	+	0 147	9.2	....	9-10	78.75	77.0	50 43.92	2		3.0745	+0.0049	0.009	+ 0 26 32.3	2	19.565	0.107	0.16
303	+	34 154	7.9	7.5	7.9	66.97	66.0	51 4.04	1		3.2739	+0.0271	0.015	+34 18 40.3	1	19.558	0.114	0.20
304	+	13 132	9.5	....	9.5	?	70.0	51 5.71	1		3.1433	+0.0120	0.009	+13 30 29.2	1	19.558	0.110	0.17
305	+	28 159	8.3	7.5	8.3	66.82	66.0	51 7.18	1		3.2351	+0.0224	0.013	+28 50 50.4	1	19.557	0.113	0.20
306	+	29 158	8.3	8.5	8-9	75.77	80.0	51 12.70	1		3.2408	+0.0230	0.013	+29 38 29.3	1	19.556	0.113	0.20
307	+	4 143	9.5	9.5	9.5	68.9	68.0	51 37.58	3		3.0968	+0.0072	0.009	+ 4 42 34.1	3	19.547	0.109	0.17
308	+	2 136	9.4	....	9.4	78.90	77.0	51 41.79	2		3.0884	+0.0063	0.009	+ 3 6 3.9	2	19.546	0.109	0.17
309	+	14 148	9.5	....	9.5	72.73	70.0	51 42.73	2		3.1496	+0.0126	0.010	+14 30 19.3	2	19.546	0.111	0.18
310	+	23 134	8.0	7.7	7-8	66.82	66.0	51 45.21	1		3.2046	+0.0187	0.011	+23 50 48.1	1	19.545	0.113	0.18
311	+	6 135	7.3	....	8	76.79	75.0	51 50.43	2		3.1046	+0.0079	0.009	+ 6 10 6.4	2	19.543	0.110	0.17
312	+	27 156	9.5	....	9.5	72.75	70.0	52 25.06	1		3.2321	+0.0216	0.014	+27 48 22.3	1	19.532	0.115	0.19
313	+	6 136	8.6	....	9.0	65.7	68.0	52 29.31	..		3.1097	+0.0084	0.009	+ 7 2 41.3	..	19.530	0.111	0.17
314		» »	»	....	9	83.8	83.0	29.40	2		»	»	»	38.0	2	»	»	»
315		» »	»	8.6	9	83.96	80.0	29.46	2		»	»	»	37.6	2	»	»	»
316		» »	»	....	9-10	79.9	79.0	29.50	..		»	»	»	37.5	..	»	»	»
317	.....	...	....	4.2	77.82	77.0	52 34.91	3		2.8965	—0.0100	0.012	—30 2 2.1	3	19.529	0.104	0.13	
318	—	0 149	8.4	....	8.4	69.8	69.0	52 43.20	2		3.0679	+0.0044	0.009	— 0 49 9..	..	19.526	0.110	0.16
319	+	2 140	9.0	....	9.0	66.00	65.0	52 58.78	2		3.0851	+0.0060	0.009	+ 2 24 31.1	2	19.521	0.111	0.17
320		» »	»	9.0	9	84.00	80.0	58.86	1		»	»	»	29.5	1	»	»	»

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
281	111 165	Berlin, Knorre	B. B. VI, 161	29 <sup>s</sup> 97	4'' 4	
282	94 305	Kremsmünster	.....	.....	.....	
283	69 102	Leipzig, Engelmann	Leiden, A.G.Z. 327 u. 345	43.31	10.1	Siehe Noten.
284	76 45	Durham, Plummer	M <sub>1</sub> 496	50.51	51.8	Bloss in A.R. scharf bestimmt.
285	81 67	Berlin, Tietjen	Albany A.G.C. 230	55.07	27.9	
286	79 73	Leipzig, Engelmann	B. D. 151	0.5	8'.1	
287	79 73	Leipzig, Engelmann	B. D. 152	16.6	5.6	
288	67 122	Berlin	Albany A. G. C. 231	21.34	2'' 6	
289	88 17	Berlin, Becker	Markree Cat. Vol. IV p. 43	37.5	35' 4	
290	69 67	Berlin, Romberg	Yarnall 495	45.36	38'' 2	φ <sub>3</sub> Ceti.
291	111 49	Hamburg, Schrader	Schjellerup 326	55.32	49.3	
292	96 318	Kremsmünster	.....	.....	.....	
293	94 305	Berlin, Tietjen	Schjellerup 330	16.23	48.4	
294	69 102	Leipzig, Engelmann	Leiden A.G.Z. 232 u. 328	19.51	10.0	Paris Cat <sub>3</sub> 1207, 19 <sup>s</sup> .47, 10'' 6; 7-8 <sup>m</sup> A. N. δ + 1' corrigirt.
295	94 305	Berlin, Tietjen	Weisse <sub>1</sub> 856 B. Z. 38	25.16	2.5	
296	111 165	Berlin, Knorre	Weisse <sub>1</sub> 857 B. Z. 38	26.58	20.4	
297	98 253	Kremsmünster	.....	.....	.....	
298	77 89	Helsingfors	Paris Cat <sub>3</sub> , 1212	34.50	56.3	A. N. A. R. + 10 <sup>s</sup> corrigirt, siehe Noten.
299	81 67	Berlin, Tietjen	B. D. 111	37.8	45' 6	A. N. Declin. + 1' corrigirt.
300	75 380, 76 63, 77 21	Chicago, Safford	.....	.....	.....	A. N. 76 A. R. 0 <sup>s</sup> .05 kleiner, A. N. 77 A. R. 0 <sup>s</sup> .05 grösser Declin. 0'' 9 südlicher als A. N. 75.
301	69 67	Berlin, Romberg	Paris Cat <sub>3</sub> 1217	41.26	37'' 9	Cambr. (M.) A.G.C. 434, 41 <sup>s</sup> .55, 37'' 5; 7 <sup>m</sup> .3.
302	94 297	Kremsmünster	Harvard Zones 83, 84; Nr. 12	43.74	29.8	
303	69 102	Leipzig, Engelmann	Leiden A.G.Z. 232 u. 328	4.11	38.0	
304	81 67	Berlin, Tietjen	B. D. 132	7.4	31'.1	
305	69 102	Leipzig, Engelmann	B. B. VI 159	7.26	50'' 0	Armagh Cat. II 138, 5 <sup>s</sup> .95, 51'' 1; 8 <sup>m</sup> .3 Armagh A. R. fehlerhaft. Paris Cat <sub>3</sub> 1228, 7 <sup>s</sup> .25, 50'' 4; 7-8 <sup>m</sup> .
306	88 17	Berlin, Becker	Paris Cat <sub>3</sub> 1230	12.88	48.8	E. B. siehe Noten.
307	74 75	Washington	B. D. 143	37.9	42'.5	Corr. Declin. + 1'' cf. A. N. 78 S. 167.
308	94 297	Kremsmünster	B. B. VI 136	41.56	0'' 8	
309	81 67	Berlin, Tietjen	B. D. 148	41.5	30'.0	
310	69 102	Leipzig, Engelmann	Paris Cat <sub>3</sub> 1243	45.33	48'' 1	Berlin A.G.Z. 327 u. 399, 45 <sup>s</sup> .21, 48'' 5; 7 <sup>m</sup> .3.
311	94 305	Berlin, Tietjen	Glasgow Cat. I 249	50.49	6.2	
312	81 67	Berlin, Tietjen	B. D. 156	24.1	47' 2	
313	74 39	Washington	Yarnall 512	29.46	39'' 9	Corr. Declin. + 1''. cf. A. N. 78 S. 167.
314	108 43	Madison, Tatlock	Weisse <sub>1</sub> 891 B. Z. 38	29.58	38.5	Zeigt E. B. siehe Noten.
315	111 165	Berlin, Knorre	Paris Cat <sub>3</sub> 1267	29.27	37.4	
316	98 253	Kremsmunster	Lalande 1678	29.64	43.2	
317	92 243	Pola, J. Palisa	Cordoba G. C. 902	34.79	59.7	α Sculptoris.
318	76 45	Durham, Plummer	Göttingen Cat. I 210-211	43.45	12.6	Bloss in A. R. scharf bestimmt.
319	67 25	Leiden, v. Hennekeler	Albany A.G.C. 250	58.87	28.3	
320	111 165	Berlin, Knorre	Kam 197	58.83	31.2	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHEN DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied
321	+ 2° 140	9.0	....	9.3	65.7	65.0	Oh 52 <sup>m</sup> 58 <sup>s</sup> 94	..	+ 3.0851	+0.0060	+0.009	+ 2° 24' 31" <sup>7</sup>	..	19.521	-0.111	-0.117
322	+ 43 193	6.2	7	6.2	66.34	65.0	52 59.54	2	3.3685	+0.0382	0.025	+44 2 22.7	2	19.521	0.121	0.122
323	+ 23 137	9.3	....	9.3	70.7	70.0	53 1.83	1	3.2090	+0.0189	0.012	+24 1 58.2	1	19.520	0.116	0.117
324	+ 5 131	7.0	7	8	75.89	80.0	53 20.87	2	3.1036	+0.0078	0.009	+ 5 48 30.3	1	19.514	0.113	0.114
325	+ 6 139	9.4	....	9.4	76.77	75.0	53 23.10	2	3.1064	+0.0081	0.009	+ 6 19 28.3	2	19.513	0.113	0.114
326	.....	...	9.7	10-11	73.82	73.0	53 25.47	1	3.1031	+0.0078	0.009	+ 5 42 28.8	1	19.512	0.113	0.114
327	.....	...	9.1	9.6	84.7	84.0	53 31.62	3	2.8653	-0.0119	0.013	-33 46 44.7	3	19.510	0.105	0.113
328	- 5 168	8.3	8.0	8-9	73.92	73.0	53 33.26	2	3.0405	+0.0019	0.009	- 5 51 31.6	2	19.509	0.111	0.116
329	+ 5 132	9.1	....	9.1	76.9	76.0	53 37.03	2	3.1027	+0.0077	0.009	+ 5 36 46.8	3	19.508	0.111	0.117
330	+ 5 133	8.9	....	9	74.88	75.0	53 43.26	3	3.1023	+0.0077	0.009	+ 5 31 44.9	3	19.506	0.110	0.117
331	+ 9 114	9.0	....	9.0	?	70.0	54 8.11	..	3.1266	+0.0100	0.009	+ 9 51 38.2	..	19.497	0.111	0.117
332	+ 10 115	8.2	....	8	74.7	74.0	54 41.82	..	3.1309	+0.0104	0.009	+10 30 29.7	..	19.486	0.111	0.117
333	+ 2 143	8.7	....	8.8	78.90	78.0	54 43.53	3	3.0874	+0.0063	0.009	+ 2 45 25.7	3	19.485	0.115	0.119
334	» » »	8.7	9	84.00	80.0		43.61	2	»	»	»	22.4	2	»	»	»
335	+ 29 167	9.3	9.5	...	75.95	80.0	54 46.06	1	3.2522	+0.0232	0.013	+29 37 24.1	1	19.484	0.113	0.117
336	+ 4 156	9.0	....	9.3	69.73	70.0	54 48.87	2	3.0994	+0.0074	0.009	+ 4 53 39.5	2	19.483	0.113	0.117
337	+ 0 165	8.8	....	10	79.9	79.0	55 6.66	..	3.0766	+0.0053	0.009	+ 0 47 24.6	..	19.477	0.117	0.119
338	- 1 134	8.5	....	8.5	69.8	69.0	55 9.99	4	3.0667	+0.0044	0.009	- 0 59 36.1	..	19.476	0.115	0.117
339	+ 6 144	8.2	....	8	76.78	75.0	55 10.44	2	3.1093	+0.0083	0.009	+ 6 37 53.9	2	19.476	0.110	0.117
340	+ 23 140	9.2	....	9.2	70.75	70.0	55 27.11	2	3.2154	+0.0190	0.011	+24 4 37.0	2	19.470	0.121	0.116
341	» » »	»	....	...	70.7	70.0	27.13	1	»	»	»	36.4	1	»	»	»
342	+ 7 151	8.0	6.5	8	72.84	73.0	55 36.88	1	3.1132	+0.0087	0.009	+ 7 15 59.5	1	19.467	0.117	0.117
343	+ 26 169	6.5	....	6-7	72.73	70.0	55 48.46	1	3.2370	+0.0213	0.012	+27 4 28.2	1	19.463	0.112	0.116
344	» » »	»	....	6.5	70.73	70.0	48.60	3	»	»	»	28.6	3	»	»	»
345	+ 4 158	8.3	....	8.2	78.76	77.0	55 54.09	4	3.0970	+0.0072	0.009	+ 4 22 47.5	4	19.461	0.113	0.117
346	+ 8 158	7.4	....	7-8	79.9	79.0	55 59.21	..	3.1186	+0.0092	0.009	+ 8 8 60.2	..	19.459	0.111	0.117
347	» » »	»	....	7	79.91	80.0	59.22	2	»	»	»	57.1	2	»	»	»
348	+ 6 146	9.3	9	9.3	75.76	80.0	56 0.43	2	3.1081	+0.0082	0.009	+ 6 19 33.5	2	19.458	0.118	0.117
349	+ 10 117	9.0	....	9.0	81.81	80.0	56 12.07	3	3.1342	+0.0107	0.009	+10 48 25.3	3	19.454	0.119	0.117
350	+ 6 147	8.0	8	8	73.99	70.0	56 19.66	2	3.1112	+0.0085	0.009	+ 6 49 42.4	2	19.452	0.110	0.117
351	» » »	»	....	8-9	76.79	75.0	19.74	2	»	»	»	41.0	2	»	»	»
352	+ 6 148	9.5	9.5	9.5	73.85	70.0	56 25.26	2	3.1075	+0.0081	0.009	+ 6 10 6.4	2	19.450	0.119	0.117
353	+ 27 164	9.2	9.5	9.5	72.92	70.0	56 25.93	1	3.2451	+0.0220	0.012	+27 55 58.4	1	19.449	0.124	0.122
354	» » »	»	....	...	72.75	70.0	26.59	1	»	»	»	62.0	1	»	»	»
355	+ 9 122	9.0	....	9.0	69.88	70.0	56 36.77	5	3.1279	+0.0101	0.009	+ 9 39 32.9	5	19.445	0.120	0.117
356	» » »	»	....	...	69.8	70.0	36.79	2	»	»	»	32.8	2	»	»	»
357	.....	...	....	9-10	70.88	70.0	56 48.14	1	3.2419	+0.0215	0.012	+27 20 49.3	1	19.441	0.124	0.120
358	+ 4 164	9.0	9	9.1	77.97	75.0	56 57.34	1	3.0969	+0.0072	0.009	+ 4 17 14.4	1	19.438	0.119	0.117
359	+ 27 166	8.7	....	8	72.72	70.0	57 1.65	1	3.2415	+0.0214	0.012	+27 12 54.6	1	19.437	0.125	0.120
360	- 6 197	8.5	9	8.5	77.99	75.0	57 8.80	1	3.0361	+0.0019	0.009	- 6 15 27.5	1	19.434	0.117	0.117

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
321	67 122	Berlin	B. B. VI. 140	58.89	31"3	Derselbe Stern wie Nr. 319 und 320.
322	69 67	Berlin, Romberg	Pulk. Obs. Vol. VIII p. 230 [Nr. 126 $\Sigma$ 79]	59.40	21.3	Bonn A. G. C. 802, 59 <sup>s</sup> .58, 19".5; 6 <sup>m</sup> .9. Dupl. seq.
323	77 89	Helsingfors	B. D. 137	1.0	1'7	
324	88 17	Berlin, Becker	Schjellerup 343	20.61	32"6	
325	94 305	Berlin, Tietjen	B. B. VI 139	23.02	31.7	
326	84 177	Leipzig, Engelmann	Leiden, mikrom. Anschluss	26.4	42'7	Siehe Noten.
327	112 143	Cap	Gill-Kapteyn Photogr. D. M.	32.8	46.7	
328	83 135, 83 190	Wien, Holetschek	Paris Cat. 1292	33.29	29"1	Weisse, 914. B. Z. 109, 33 <sup>s</sup> .59, 32".8; 8-9 <sup>m</sup> .
329	91 189, 90 126	Pola, J. Palisa	B. D. 132	36.8	36'7	A. N. 90 A. R. 0 <sup>s</sup> .04 grösser <i>δ</i> 0".6 südlicher.
330	86 105	Hamburg, Lindstedt	Weisse, 920 B. Z. 38	43.33	46"2	
331	77 21	Wien	B. D. 114	7.4	50'9	{ Göttingen II, 320, 41. <sup>s</sup> 81, 27".4. Scheinb. Aeq. 13 Oct. 1874 vergleich die Note zu Nr. 272. [Red. — 3 <sup>s</sup> .098 — 22".02.
332	85 54	Peking, Watson	Piazzi 255	41.62	30"9	
333	94 305	Kremsmünster	Albany A. G. C. 259	43.65	22.1	
334	111 165	Berlin, Knorre	Paris Cat. 1317	43.59	21.9	
335	88 17	Berlin, Becker	Kam, 204 (Seite 382)	45.82	23.7	
336	81 67	Berlin, Tietjen	Albany, A. G. C. 260	48.78	38.9	
337	96 319	Kremsmünster	Harvard Zones 149 u. 150 [Nr. 105]	6.68	22.8	
338	76 44	Durham, Plummer	Göttingen Cat. I 230-1	9.73	37.5	Bloss in A. R. scharf bestimmt.
339	94 307	Berlin, Tietjen	Paris Cat. 1327	10.43	54.7	
340	81 68	Berlin, Tietjen	B. D. 140	27.7	4'9	
341	77 89	Helsingfors	.....	.....	.....	
342	83 135	Wien, Holetschek	Paris Cat. 1337	36.92	58"5	
343	81 68	Berlin, Tietjen	Paris Cat. 1340	48.59	29.1	
344	77 263	Leiden, Valentiner	Armagh Cat. II 150	48.60	27.7	
345	94 297	Kremsmünster	Albany A. G. C. 265	54.31	49.2	E. B. { $\begin{matrix} + 0^s.0309 + 0".209 & \text{Stumpe A. N. 125 S. 396} \\ + 0.024 + 0.20 & \text{Albany Cat. p. 223.} \\ + 0.027 + 0.25 & \text{Porter Cat. Pr. Mot. Nr. 82.} \end{matrix}$ } Siehe Noten.
346	96 318, 98 253	Kremsmünster	Paris Cat. 1345	59.24	59.3	
347	111 49	Hamburg, Schrader	Piazzi 262	59.34	59.8	
348	88 17	Berlin, Becker	B. D. 146	58.6	19'3	
349	111 49, 102 287	Hamburg Schrader	B. D. 117	10.7	49.0	
350	84 225	Berlin, Knorre	Paris Cat. 1349	19.78	41"5	
351	94 307	Berlin, Tietjen	Glasgow Cat. I 256	19.66	41.5	
352	84 225	Berlin, Knorre	B. D. 148	23.5	10'5	
353	83 135	Wien, Holetschek	B. D. 164	26.3	56.7	Siehe Noten.
354	81 68	Berlin, Tietjen	.....	.....	.....	
355	81 68	Berlin, Tietjen	Göttingen Cat. II 335	36.74	30"9	
356	75 380, 77 21	Chicago, Safford	.....	.....	.....	
357	77 263	Leiden, Becker	Leiden, mikrom. Anschluss	48.8	20'7	Siehe Noten.
358	92 369	Pola, J. Palisa	Albany A. G. C. 274	57.39	12"4	
359	81 68	Berlin, Tietjen	Weisse, 1415 B. Z. 447	2.22	27.0	
360	92 243	Pola, J. Palisa	A. N. 84, 43 mikr. Anschluss	8.66	26.5	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle	Beob.	Pos.										
					1800 +											
361	+ 0° 172	9.3	9.3	10-11	68.9	68.0	0 <sup>h</sup> 57 <sup>m</sup> 15 <sup>s</sup> 23	2	+ 3 <sup>s</sup> 07 36	+ 0 <sup>s</sup> 00 51	+ 0 <sup>s</sup> 00 09	+ 0° 14' 9" 8	2	19" 432	- 0" 119	- 0" 16
362	....	....	....	6.5	77.82	75.0	57 19.49	4	2.8797	- 0.0096	0.012	- 30 11 51.8	4	19.430	0.112	0.13
363	+ 6 152	9.2	9.3	9.2	76.76	76.0	57 22.10	1	3.1104	+ 0.0084	0.009	+ 6 34 33.7	1	19.429	0.121	0.17
364	+ 6 153	8.8	....	9	74.91	75.0	57 40.75	2	3.1104	+ 0.0084	0.009	+ 6 32 10.1	2	19.423	0.121	0.17
365	+ 0 177	9.4	9.4	9.4	83.96	80.0	57 57.64	2	3.0787	+ 0.0056	0.009	+ 1 6 19.4	2	19.416	0.121	0.16
366	" "	"	....	...	79.9	79.0	58.33	..	"	"	"	20.6	..	"	"	"
367	+ 27 169	8.4	....	...	70.97	70.0	58 2.12	2	3.2492	+ 0.0220	0.012	+ 27 50 38.1	2	19.415	0.127	0.20
368	" "	"	....	...	72.73	70.0	2.12	2	"	"	"	39.0	2	"	"	"
369	+ 24 173	8.5	....	8-9	70.7	70.0	58 10.77	3	3.2237	+ 0.0193	0.011	+ 24 17 8.	..	19.412	0.126	0.19
370	+ 3 153	9.4	9.4	9.3	84.00	80.0	58 12.01	2	3.0908	+ 0.0067	0.009	+ 3 9 46.9	2	19.411	0.122	0.17
371	+ 6 155	7.8	....	8.3	76.77	75.0	58 19.80	3	3.1098	+ 0.0084	0.009	+ 6 22 41.9	3	19.408	0.122	0.17
372	+ 4 172	6.0	....	6.6	69.72	70.0	58 24.12	2	3.1016	+ 0.0076	0.009	+ 4 59 7.8	2	19.407	0.122	0.17
373	+ 10 123	8.0	....	8	74.8	74.0	58 36.74	..	3.1358	+ 0.0107	0.009	+ 10 38.49.8	..	19.402	0.124	0.17
374	+ 7 162	9.0	....	9	74.90	75.0	58 41.61	2	3.1150	+ 0.0088	0.009	+ 7 12 13.5	2	19.400	0.123	0.17
375	" "	"	...	9	83.7	83.0	41.76	3	"	"	"	11.6	3	"	"	"
376	+ 23 144	9.4	....	9.4	70.72	70.0	58 51.85	3	3.2201	+ 0.0188	0.010	+ 23 31 39.3	3	19.396	0.128	0.19
377	- 6 204	8.8	9	8.8	73.72	70.0	59 25.79	3	3.0330	+ 0.0019	0.009	- 6 31 37.1	3	19.384	0.122	0.16
378	- 0 169	8.4	....	8.4	69.8	69.0	59 26.36	2	3.0703	+ 0.0050	0.009	- 0 19 31..	..	19.384	0.124	0.16
379	+ 1 207	9.0	...	8.8	79.9	79.0	59 46.40	..	3.0800	+ 0.0058	0.009	+ 1 16 53.1	..	19.376	0.124	0.16
380	+ 0 182	8.8	....	9	82.7	82.0	59 52.19	2	3.0769	+ 0.0055	0.009	+ 0 46 42.4	2	19.374	0.124	0.16
381	+ 12 135	6.2	....	8	68.8	68.0	59 59.26	2	3.1476	+ 0.0117	0.009	+ 12 17 7.8	2	19.371	0.127	0.18
382	.....	...	7.8	8½	80.2	80.0	1 0 5.76	2	2.8512	- 0.0105	0.013	- 32 31 23.6	2	19.369	0.116	0.13
383	- 6 205	9.3	9	...	73.95	70.0	0 5.88	3	3.0328	+ 0.0020	0.009	- 6 29 42.2	3	19.369	0.123	0.16
384	+ 8 173	7.5	....	8	79.9	79.0	0 10.79	..	3.1223	+ 0.0094	0.009	+ 8 11 53.4	..	19.367	0.127	0.16
385	+ 7 170	9.1	9	10	76.91	76.0	0 24.60	1	3.1163	+ 0.0089	0.009	+ 7 12 44.2	1	19.362	0.127	0.17
386	+ 15 163	9.5	....	9.5	72.73	70.0	0 44.06	2	3.1680	+ 0.0135	0.009	+ 15 17 46.6	2	19.354	0.129	0.18
387	" "	"	....	...	72.80	70.0	44.09	1	"	"	"	46.6	1	"	"	"
388	+ 0 185	8.3	8.5	9	69.77	69.0	0 47.72	2	3.0764	+ 0.0055	0.009	+ 0 41 12.3	2	19.353	0.126	0.16
389	+ 26 187	9.1	....	9.2	72.74	70.0	0 48.70	2	3.2483	+ 0.0212	0.012	+ 26 39 49.3	2	19.352	0.132	0.19
390	+ 1 212	7.0	....	6.8	81.29	80.0	1 33.08	4	3.0805	+ 0.0059	0.009	+ 1 20 19.0	3	19.335	0.127	0.16
391	+ 14 172	8.5	....	8-9	69.8	70.0	1 34.98	1	3.1638	+ 0.0131	0.009	+ 14 27 26.9	1	19.334	0.131	0.18
392	+ 10 130	8.8	....	9	?	70.0	1 50.91	..	3.1363	+ 0.0106	0.009	+ 10 11 27.1	..	19.328	0.130	0.17
393	+ 8 176	8.8	....	9.5	72.7	72.0	1 55.23	2	3.1269	+ 0.0098	0.009	+ 8 42 58.1	3	19.327	0.130	0.17
394	+ 0 189	9.3	....	11-12	67.7	67.0	2 6.83	1	3.0772	+ 0.0057	0.009	+ 0 47 54.3	1	19.322	0.128	0.16
395	- 6 212	7.5	8	7.	73.79	70.0	2 8.24	3	3.0293	+ 0.0019	0.009	- 6 50 33.6	3	19.322	0.126	0.15
396	- 6 214	9.1	9	...	78.91	75.0	2 20.47	1	3.0305	+ 0.0020	0.009	- 6 37 46.5	1	19.317	0.127	0.16
397	" "	"	9-10	...	77.80	75.0	20.58	1	"	"	"	47.7	1	"	"	"
398	- 6 215	9.1	....	9.1	77.79	75.0	2 26.07	1	3.0303	+ 0.0020	0.009	- 6 38 38.7	1	19.315	0.127	0.16
399	+ 23 148	8.7	....	8-9	72.7	72.0	2 32.10	2	3.2311	+ 0.0192	0.010	+ 23 47 30.1	2	19.312	0.135	0.19
400	+ 7 176	9.0	....	9	73.7	73.0	2 39.26	2	3.1206	+ 0.0092	0.009	+ 7 37 42.5	2	19.309	0.131	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
361	74 75, 78 167	Washington	Harvard Zones 26, 27 Nr. 24	15 <sup>s</sup> .13	12 <sup>m</sup> 8	Decl. + 1" corrigirt; cf. A. N. 78 S. 167.
362	92 243	Pola, J. Palisa	Cordoba G. C. 968	19.44	48.6	
363	90 203	Leipzig, Weinek	B. D. 152	21.1	34 <sup>m</sup> .2	
364	86 105	Hamburg, Lindstedt	Weisse, 993 B. Z. 38	41.16	7 <sup>m</sup> 8	
365	111 165	Berlin, Knorre	B. B. VI 177	58.39	19.9	
366	96 231, 96 319, 98 253	Kremsmünster	.....	.....	.....	
367	77 263	Leiden, Becker u. [Valentiner]	A. N. 76, 93 mikr. Anschluss	2.35	39.5	
368	81 68	Berlin, Tietjen	A. N. 76, 315 mikr. Anschluss	2.25	39.6	
369	77 158	Durham, Plummer	Weisse, 1440 B. Z. 445	10.61	8.3	
370	111 165	Berlin, Knorre	B. B. VI 153	11.82	51.1	
371	94 307	Berlin, Tietjen	M <sub>2</sub> 321	19.97	41.0	{ A. N. A. R. + 0 <sup>s</sup> .10 corr. nach Mittheilung von Dr. Knorre. E. B. + 0 <sup>s</sup> .0109, — 0 <sup>m</sup> .093 nach M <sub>2</sub>
372	81 68	Berlin	Albany A. G. C. 281	24.15	7.8	
373	85 54	Peking, Watson	M <sub>1</sub> 561	36.99	47.5	
374	86 105	Hamburg, Lindstedt	Paris Cat, 1390	41.84	14.3	
375	108 42	TachkentPomerant- [zeff]	Weisse, 1011 B. Z. 111	41.74	11.1	
376	81 68	Berlin, Tietjen	B. D. 144	52.7	31 <sup>m</sup> .1	
377	84 225	Berlin, Knorre	B. D. 204	25.6	31.5	
378	76 45	Durham, Plummer	Göttingen, Cat. I, 238-9	26.30	35 <sup>m</sup> 8	
379	96 319	Kremsmünster	Albany A. G. C. 292	46.48	54.2	
380	105 243	Bonn, Scheiner	Harvard Zones 81, 82 Nr. 50	52.33	45.6	
381	74 248	Königsberg, Lorek	M <sub>1</sub> 572	59.20	8.5	Paris Cat, 1437, 24 <sup>s</sup> .27, Decl. fehlt; 10 <sup>m</sup> .
382	98 29	Cap	Cordoba G. C. 1018	5.62	23.8	
383	84 225, 88 190	Berlin, Knorre	A. N. 83, 195 mikr. Anschluss	5.68	46.0	
384	96 316	Kremsmünster	Paris Cat, 1431	10.72	52.2	
385	90 203	Leipzig, Weinek	Weisse, 1047 B. Z. 111	24.71	39.7	
386	81 68	Berlin, Tietjen	B. D. 163	44.4	17 <sup>m</sup> .7	
387	84 241	Berlin, Tietjen	.....	.....	.....	
388	76 43	Leipzig, Engelmann	Harvard Zones 81, 82 Nr. 52	47.71	10 <sup>m</sup> 8	
389	81 68	Berlin, Tietjen	B. B. VI 187	48.73	51.2	
390	111 49	Hamburg, Schrader	Albany A. G. C. 303	33.10	18.2	
391	75 380	Chicago, Safford	Weisse, 1068 B. Z. 32 u. 113	35.12	28.9	Ep. der E. B. { + 0 <sup>s</sup> .0084, — 0 <sup>m</sup> .436 nach Alb. Cat. pag. 223. + 0.008, — 0.43 Porter Cat. P. M. Nr. 86. + 0.0088, — 0.449 Paris Cat. 1462. + 0.0072, — 0.435 Stumpe A. N. 125, S. 396.
392	77 21	Ann-Arbor	Schjellerup 374	50.54	25.7	
393	81 175	Washington	Schjellerup 375	55.28	0.2	
394	74 247	Königsberg, Lorek	Harvard Zones 149, 150 Nr. 121	6.99	57.8	
395	84 225	Berlin, Knorre	M <sub>1</sub> 592	8.48	31.7	
396	95 293	Pola, J. Palisa	A. N. 84, 43 mikr. Anschluss	20.91	48.4	
397	92 243	Pola, J. Palisa	.....	.....	.....	
398	92 243	Pola, J. Palisa	B. D. 215	26.2	38 <sup>m</sup> .5	
399	81 63	Königsb., Oppenheim	Weisse, 1536 B. Z. 445	32.17	26 <sup>m</sup> .2	
400	84 24	Washington	Schjellerup 378	40.14	42.0	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
401	.....	...	10.2	...	69.74	69.0	1h 2m 46s 54	1	+ 3s 0234	+ 0s 0015	+ 0s 0009	— 7° 41' 41" 7	1	19" 307	— 0" 127	— 0" 16
402	+ 23° 149	9.0	....	9	70.7	70.0	2 55.10	4	3.2325	+ 0.0193	0.012	+ 23 51 1..	..	19.303	0.136	0.19
403	+ 23 151	9.0	10	10	70.7	70.0	3 5.22	..	3.2311	+ 0.0191	0.012	+ 23 36 49.9	..	19.299	0.136	0.19
404	+ 2 163	9.0	....	9.0	64.99	65.0	3 34.37	3	3.0877	+ 0.0065	0.009	+ 2 24 53.0	3	19.288	0.131	0.16
405	+ 25 180	9.2	....	9.2	70.73	70.0	3 46.30	3	3.2476	+ 0.0205	0.011	+ 25 31 17.3	3	19.283	0.138	0.19
406	— 7 188	10	10.9	10	69.74	69.0	4 1.54	1	3.0241	+ 0.0017	0.009	— 7 26 37.1	1	19.277	0.130	0.15
407	.....	...	10½	9.6	84.7	84.0	4 5.28	3	2 7858	— 0.0127	0.012	— 37 49 18.8	3	19.275	0.120	0.12
408	+ 1 221	6.0	....	5.4	69.73	70.0	4 7.75	1	3.0837	+ 0.0062	0.009	+ 1 46 47.8	1	19.274	0.132	0.16
409	.....	...	11.0	12-13	69.74	69.0	4 8.28	1	3.0781	+ 0.0058	0.009	+ 0 54 39.5	1	19.274	0.132	0.16
410	— 6 220	6.8	8.0	8-9	73.99	73.0	4 11.58	2	3.0285	+ 0.0021	0.009	— 6 45 7.2	2	19.273	0.130	0.15
411	» »	»	8.9	7-8	77.88	75.0	11.75	3	»	»	»	5.0	3	»	»	»
412	» »	»	8	8	73.73	70.0	11.76	2	»	»	»	6.4	2	»	»	»
413	+ 14 178	9.0	....	9	69.8	70.0	4 12.10	1	3.1695	+ 0.0133	0.008	+ 14 44 49.9	1	19.272	0.136	0.18
414	+ 3 164	8.5	8.5	8.7	84.00	80.0	4 13.53	1	3.0971	+ 0.0073	0.009	+ 3 51 14.9	1	19.272	0.133	0.16
415	» »	»	....	...	78.97	78.0	13.70	2	»	»	»	14.6	2	»	»	»
416	— 5 202	7.3	....	8	65.7	65.0	4 23.50	2	3.0365	+ 0.0027	0.008	— 5 30 30.3	2	19.268	0.131	0.15
417	— 3 161	6.2	6.5	6.5	75.02	70.0	5 22.03	2	3.0531	+ 0.0040	0.008	— 2 54 56.1	2	19.244	0.133	0.16
418	— 6 228	9.4	....	...	73.93	70.0	5 25.82	2	3.0272	+ 0.0021	0.008	— 6 49 41.8	2	19.242	0.132	0.15
419	— 18 194	8.7	....	8-9	83.8	83.0	5 51.05	3	2.9456	— 0.0033	0.009	— 18 28 42.9	3	19.232	0.130	0.14
420	+ 0 197	8.5	....	9-10	82.7	82.0	6 5.53	2	3.0744	+ 0.0056	0.009	+ 0 19 21 6	2	19.226	0.136	0.16
421	— 1 157	9.3	9.3	9.3	73.90	70.0	6 6.67	3	3.0662	+ 0.0050	0.009	— 0 54 17.8	3	19.226	0.135	0.16
422	+ 24 190	8.2	....	8-9	70.83	70.0	6 45.85	3	3.2460	+ 0.0198	0.010	+ 24 20 33.4	3	19.209	0.144	0.19
423	+ 13 183	8.5	....	9	68.8	68.0	6 53.43	2	3.1624	+ 0.0125	0.009	+ 13 11 6.7	2	19.206	0.141	0.17
424	+ 13 185	9.1	....	9	68.8	68.0	7 2.36	3	3.1631	+ 0.0126	0.009	+ 13 16 2.5	3	19.202	0.141	0.17
425	— 6 234	9.4	9-10	...	77.80	77.0	7 10.66	2	3.0258	+ 0.0022	0.008	— 6 51 46.6	2	19.199	0.136	0.15
426	— 5 210	7.3	....	7-8	65.7	65.0	7 32.03	2	3.0348	+ 0.0028	0.008	— 5 30 33.0	2	19.190	0.137	0.15
427	.....	9	9	9½	80.1	80.0	7 34.94	2	2.8272	— 0.0095	0.011	— 32 14 13.2	2	19.189	0.128	0.12
428	+ 15 178	9.5	....	9.5	85.7	85.0	7 37.93	1	3.1786	+ 0.0138	0.009	+ 15 18 1.1	1	19.187	0.143	0.18
429	» »	»	....	...	69.8	70.0	38.21	1	»	»	»	1.9	1	»	»	»
430	+ 0 204	8.5	8.7	9.0	69.77	69.0	7 45.18	1	3.0779	+ 0.0059	0.009	+ 0 50 3.8	1	19.184	0.139	0.16
431	» »	»	9	9	67.97	67.0	45.19	1	»	»	»	3.9	1	»	»	»
432	+ 22 199	9.4	....	9.3	72.7	72.0	7 58.21	2	3.2369	+ 0.0188	0.010	+ 22 51 21.1	2	19.179	0.146	0.19
433	+ 9 40	9.5	9.5	9.5	84.00	80.0	8 4.05	1	3.1368	+ 0.0104	0.009	+ 9 21 58.5	1	19.176	0.142	0.17
434	— 0 189	8.8	8.8	8.8	73.87	70.0	8 7.51	2	3.0688	+ 0.0053	0.009	— 0 30 38.3	2	19.175	0.139	0.16
435	— 5 215	7.5	....	8	85.04	85.0	8 11.24	3	3.0331	+ 0.0028	0.008	— 5 42 20.5	3	19.173	0.138	0.15
436	+ 6 185	8.2	...	8-9	66.03	65.0	9 3.21	2	3.1160	+ 0.0088	0.008	+ 6 17 41.4	2	19.151	0.143	0.17
437	+ 8 207	8.5	....	9	83.8	83.0	9 5.10	3	3.1288	+ 0.0098	0.008	+ 8 6 22.2	3	19.150	0.143	0.17
438	+ 9 142	7.0	....	9	66.41	65.0	9 14.75	2	3.1361	+ 0.0103	0.008	+ 9 7 20.9	2	19.146	0.144	0.17
439	.....	...	....	...	73.96	70.0	9 20.02	3	3.0235	+ 0.0022	0.008	— 6 58 20.2	3	19.143	0.140	0.15
440	+ 10 153	8.8	....	9	?	68.0	9 34.30	..	3.1485	+ 0.0113	0.008	+ 10 48 24.5	..	19.137	0.146	0.17



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
401	76 43	Leipzig, Engelmann	.....	.....	.....	Zu streichen; siehe Noten.
402	77 158	Durham, Plummer	Weisse, 4 B.Z. 445	55 <sup>s</sup> .54	1 <sup>m</sup> 8	Bloss in A.R. best. Berl. A.G.Z. 183 u 188, 55 <sup>s</sup> .18, 4 <sup>m</sup> 5; 8 <sup>m</sup> .7. Scheinb. Aeq. 1870 24 Sept. Red. — 2 <sup>s</sup> .648 — 12 <sup>m</sup> .81. Berl. A.G.Z. 355 u. 395, 5 <sup>s</sup> .43 49 <sup>m</sup> .3; 8 <sup>m</sup> .8.
403	78 165	Kremsmünster	A.N. 77 215 mikr. Anschl.	5.28	47.5	
404	69 67	Berlin, Romberg	Albany A.G.C. 314	34.22	51.0	
405	77 263	Leiden, Valentiner	B.D. 180	46.9	31' 2	
406	76 43	Leipzig, Engelmann	B.D. 188	2.1	26.6	A.N. 83, 195 A.R. 0 <sup>s</sup> .02 kleiner Declin. 0 <sup>m</sup> .2 südlicher.
407	112 143	Cap	Gill-Kapteyn Phot. Durchm.	5.3	49.5	
408	81 68	Berlin, Tietjen	Albany A.G.C. 318	7.66	47 <sup>m</sup> 7	
409	76 43	Leipzig, Engelmann	Harvard Zones 149, 150; [Nr. 128]	8.16	38.8	
410	88 135, 88 195	Wien, Holetschek	Weisse, 31 B.Z. 139 u. 259	11.61	10.0	
411	92 243	Pola, J. Palisa	Santini, —8° 17	11.38	14.3	Auffallende Unterschiede in Grösse mit B.D.
412	84 225	Berlin, Knorre	A.N. 84 43 mikr. Anschluss	12.11	7.1	Vergleiche die Note zu Nr. 396.
413	75 380	Chicago, Safford	Weisse, 28 B.Z. 32 u. 113	12.21	49.1	Paris Cat, 1517, 23 <sup>s</sup> .34, 30 <sup>m</sup> .2; 8 <sup>m</sup> .
414	111 165	Berlin, Knorre	Albany A.G.C. 320	13.53	13.9	
415	94 305	Kremsmünster	Kam 240-241	13.63	16.9	
416	69 363	Königsberg, Sievers	Weisse, 32 B.Z. 109	23.60	33.7	
417	86 209	Berlin, Knorre	Schjellerup 384	22.03	55.9	A.N. + 2 <sup>s</sup> corrigirt. Siehe Noten. Berlin A.G.Z. 183 u. 188, 45 <sup>s</sup> .92, 33 <sup>m</sup> .5; 8 <sup>m</sup> .0
418	84 225, 83 190	Berlin, Knorre	A.N. 83 195 mikr. Anschluss	25.87	43.4	
419	108 40	Tachkent, Pomerant- [zeff]	Arg.-Weiss 557	50.88	40.7	
420	105 243	Bonn, Scheiner	Harvard Zones 24, 25 Nr. 148	5.17	33.0	
421	84 225	Berlin, Knorre	B.D. 157	6.9	54' 6	M <sub>2</sub> 364, 2 <sup>s</sup> .07, 4 <sup>m</sup> .2; 9 <sup>m</sup> .5. Vergleiche die Note zu Nr. 396.
422	77 263	Leiden, Becker u. [Valentiner]	Weisse, 89 B.Z. 445	46.09	30 <sup>m</sup> 7	
423	74 248	Königsberg, Lorek	M <sub>1</sub> 620	53.48	6.5	
424	74 248	Königsberg, Lorek	M <sub>1</sub> 622	2.55	4.9	
425	92 243	Pola, J. Palisa	A.N. 84 43 mikr. Anschluss	11.00	45.0	Controle Stern. Beob. unsicher Stern schwach.
426	69 363	Königsberg, Sievers	Weisse, 86 B.Z. 109	31.86	33.9	
427	98 29	Cap	Cordoba G.C. 1141	35.04	12.5	
428	Publ. XVIII der A.G. S. 46	Pulkowa, Romberg	B.D. 178	37.6	20' 4	
429	75 380	Chicago, Safford	.....	.....	.....	Nach A.N. 111, 234 ist E.B. — 0 <sup>s</sup> .011, — 0 <sup>m</sup> .15 angewiesen. A.R. bei Bessel — 10 <sup>s</sup> corr. nach E. Luther und Fehl. [Verz. B.B. IV.]
430	76 43	Leipzig, Engelmann	Yarnall 640	45.17	9 <sup>m</sup> 1	
431	71 175	Leipzig, Engelmann	Weisse, 89 B.Z. 40	44.92	7.0	
432	81 63	Königsb., Oppenheim	B.B. VI 199	58.10	21.8	
433	111 165	Berlin, Knorre	B.D. 140	4.5	21' 0	Schjellerup bemerkt »Unterschied in Grösse» mit B.D.
434	84 225, 86 85, 98 3	Berlin, Knorre	Göttingen, Cat. I 256-257	7.39	39 <sup>m</sup> 2	
435	111 234	Albany, Egbert	Schjellerup 396	11.45	16.0	
436	69 67	Berlin, Romberg	Weisse, 112 B.Z. 38	3.34	40.9	
437	108 41	Tachkent, Pomerant- [zeff]	Schjellerup 397	5.12	23.2	
438	69 67	Berlin, Romberg	Schjellerup 400	14.72	20.3	
439	84 225, 88 190	Berlin, Knorre	A.N. 83 195 mikr. Anschluss	20.04	18.4	
440	72 317, 74 39	Ann-Arbor	M <sub>1</sub> 636	34.82	20.9	

NUM MER.	NUMMER. der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
441	+ 1° 236	9.0	....	9.4	80.7	80.0	1 <sup>h</sup> 9 <sup>m</sup> 40 <sup>s</sup> 71	1	+ 3°.0835	+0°.0064	+0°.0009	+1° 36' 12".	..	19" 135	—0" 143	— 0" 16
442	+ 22 205	8.4	....	9	70.74	70.0	9 46.60	3	3.2414	+0.0189	0.011	+22 53 7.9	3	19.132	0.150	0.19
443	» »	»	....	8.6	70.7	70.0	46.68	1	»	»	»	8.0	1	»	»	»
444	+ 23 168	9.2	....	9.2	71.75	71.0	9 55.31	2	3.2498	+0.0196	0.011	+23 50 53.2	2	19.128	0.151	0.19
445	+ 23 170	9.0	....	...	71.79	71.0	10 6.19	2	3.2477	+0.0194	0.011	+23 32 33.0	2	19.123	0.151	0.19
446	— 2 191	9.4	10	9.4	75.02	70.0	10 15.51	2	3.0561	+0.0045	0.008	— 2 17 26.5	2	19.119	0.143	0.16
447	+ 9 145	9.2	9.2	9.2	84.00	80.0	10 26.35	2	3.1380	+0.0104	0.008	+ 9 13 51.5	1	19.115	0.147	0.17
448	» »	»	....	9	65.00	65.0	26.39	2	»	»	»	57.8	2	»	»	»
449	— 0 196	8.5	8.5	9.5	73.90	70.0	10 42.64	3	3.0697	+0.0055	0.009	— 0 21 37.6	2	19.107	0.144	0.16
450	+ 1 241	7.8	....	6.9	80.9	80.0	10 44.02	..	3.0818	+0.0063	0.008	+ 1 21 17.5	..	19.107	0.145	0.16
451	» »	»	....	7.8	81.00	80.0	44.05	2	»	»	»	17.8	2	»	»	»
452	.....	...	8.7	8½	80.1	80.0	10 55.96	2	2.8171	—0.0091	0.013	—32 4 8.5	2	19.101	0.133	0.13
453	+ 22 207	8.8	....	9.1	70.7	70.0	10 57.65	1	3.2441	+0.0189	0.010	+22 52 12.3	1	19.101	0.152	0.19
454	+ 5 165	8.3	....	...	69.75	70.0	11 5.77	2	3.1096	+0.0083	0.008	+ 5 13 32.7	2	19.097	0.147	0.17
455	— 0 200	9.5	10.6	9.5	73.79	73.0	11 46.77	1	3.0705	+0.0056	0.008	— 0 14 25.9	1	19.079	0.146	0.16
456	+ 22 210	8.7	....	8.9	70.8	70.0	11 59.38	3	3.2475	+0.0191	0.010	+22 59 16..	..	19.073	0.154	0.19
457	» »	»	....	9	71.72	71.0	59.45	1	»	»	»	14.8	1	»	»	»
458	+ 3 182	8.8	....	8.7	66.96	65.0	12 13.97	2	3.0972	+0.0075	0.008	+ 3 26 56.5	2	19.066	0.148	0.16
459	+ 3 184	8.3	....	8.3	80.91	80.0	12 24.22	2	3.1013	+0.0077	0.008	+ 3 59 42.2	2	19.062	0.149	0.16
460	+ 4 219	8.5	....	8.3	67.47	65.0	12 35.51	1	3.1041	+0.0080	0.008	+ 4 22 35.6	1	19.057	0.149	0.17
461	+ 12 162	9.5	....	9.5	?	79.0	12 36.19	2	3.1650	+0.0124	0.009	+12 32 59.2	2	19.056	0.152	0.09
462	+ 13 198	8.7	....	9	68.8	68.0	12 36.27	3	3.1702	+0.0128	0.009	+13 14 4.3	3	19.056	0.152	0.09
463	— 7 209	8.5	9.5	9	73.93	73.0	12 36.55	2	3.0215	+0.0024	0.008	— 6 57 2.6	2	19.056	0.145	0.15
464	» »	»	9	...	77.80	75.0	36.58	2	»	»	»	4.7	2	»	»	»
465	» »	»	9	...	73.72	70.0	36.59	3	»	»	»	7.5	3	»	»	»
466	+ 9 150	8.9	....	9	65.04	65.0	12 53.37	1	3.1413	+0.0106	0.008	+ 9 22 43.0	1	19.048	0.152	0.15
467	+ 45 317	9.1	....	9.0	64.03	65.0	13 6.50	2	3.4970	+0.0423	0.023	+45 22 6.5	2	19.042	0.168	0.23
468	+ 5 169	9.5	....	...	69.74	70.0	13 19.46	2	3.1158	+0.0088	0.008	+ 5 54 45.8	2	19.036	0.151	0.17
469	.....	..	....	7½	84.7	84.0	13 54.65	2	2.7164	—0.0123	0.015	—40 1 18.0	2	19.020	0.134	0.11
470	+ 8 212	9.0	....	9.0	82.7	82.0	14 24.58	2	3.1338	+0.0100	0.008	+ 8 12 37.7	2	19.007	0.153	0.17
471	+ 11 171	8.5	....	9.5	65.8	65.0	14 40.66	..	3.1575	+0.0117	0.008	+11 16 16.3	..	18.999	0.155	0.17
472	— 7 212	8.8	9.5	9	73.94	73.0	14 43.58	2	3.0150	+0.0022	0.008	— 7 36 48.6	2	18.998	0.149	0.15
473	» »	»	....	...	77.79	75.0	43.86	1	»	»	»	45.9	1	»	»	»
474	— 1 177	8.8	8.8	8.8	75.02	70.0	14 51.22	2	3.0590	+0.0050	0.008	— 1 46 10.3	2	18.994	0.151	0.16
475	+ 44 287	5.2	....	5.2	63.84	65.0	14 59.24	2	3.5000	+0.0417	0.022	+44 52 23.2	2	18.990	0.172	0.24
476	+ 21 180	7.5	....	8	72.73	70.0	15 0.19	1	3.2448	+0.0184	0.010	+21 52 52.0	1	18.990	0.160	0.19
477	— 7 217	9.0	....	9	68.8	68.0	15 9.15	2	3.0139	+0.0022	0.008	— 7 43 13.0	2	18.986	0.150	0.15
478	+ 12 169	8.8	....	9.5	69.74	70.0	15 58.56	2	3.1683	+0.0125	0.008	+12 26 54.6	2	18.962	0.158	0.17
479	+ 9 157	9.1	9.1	...	66.43	65.0	16 0.27	2	3.1484	+0.0110	0.008	+ 9 55 24.0	2	18.962	0.158	0.17
480	— 8 237	9.1	9	8-9	73.74	70.0	16 8.33	2	3.0114	+0.0021	0.008	— 7 56 29.0	2	18.958	0.151	0.15

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
441	100 245	Königsberg, Rahts	Albany A.G.C. 343	40 <sup>s</sup> 58	17" 5	Bloss in A.R. scharf bestimmt, siehe Noten.
442	81 68	Berlin, Tietjen	Weisse, 156 B.Z. 392	46.80	8.0	
443	77 89	Helsingfors	Berlin A.G.Z. 323, 327, 340	46.49	7.2	
444	79 137	Leiden, Valentiner	B.B. VI 168	55.44	56.8	Berlin A.G.Z. 5, 327, 399, 6 <sup>s</sup> .37, 34" 1; 9 <sup>m</sup> .0. Siehe Noten.
445	79 137	Leiden, Valentiner	Kam 264	6.54	47.8	
446	86 209	Berlin, Knorre	B.B. VI S. 327	15.59	28.1	
447	111 165	Berlin, Knorre	Küstner 35	26.40	51.9	A.N. 94 A.R. 0 <sup>s</sup> .03 kleiner, Declin. 0" 1 nördlicher.
448	69 67, 94 237	Berlin, Romberg	Weisse, 133 B.Z. 111	25.86	58.0	
449	84 227, 86 85	Berlin, Knorre	M <sub>2</sub> 377	42.44	37.6	
450	100 361	Kremsmünster	Albany A.G.C. 348	44.10	17.3	
451	111 49, 100 361, 101 204	Hamburg, Schrader	Küstner 36	44.10	17.6	In Berlin Z. 347 (8 <sup>m</sup> .5).
452	98 29	Cap	Cordoba G.C. 1199	55.30	4.4	
453	77 89	Helsingfors	Berlin A.G.Z. 340 u. 347	57.62	11.3	
454	81 68	Berlin, Tietjen	Kam 268-69	5.70	33.9	Berlin A.G.Z. 15, 340; 59 <sup>s</sup> .50, 15" 8; 8 <sup>m</sup> .3.
455	84 177	Leipzig, Engelmann	B.D. 200	46.0	14' 9	
456	77 158	Durham, Plummer	Paris Cat, 1647	59.48	15" 0	
457	79 137	Leiden, Valentiner	Weisse, 212 B.Z. 392	59.64	16.2	E.B. — 0 <sup>s</sup> .009, 0" 00 nach Albany Cat. p. 223.
458	69 67, 67 122	Berlin, Romberg	Albany A.G.C. 357	13.80	55.9	
459	111 49, 101 204	Hamburg, Schrader	Albany A.G.C. 359	24.28	42.9	
460	69 67	Berlin, Romberg	Albany A.G.C. 361	35.55	33.7	
461	96 320	Washington	A.N. 67 339 mikr. Anschluss	36.11	4.3	A.N. 83, 190. Declin. 0" 5 südlicher.
462	74 248	Königsberg, Lorek	Schjellerup 412	36.22	4.7	
463	88 135, u. 190	Wien, Holetschek	Weisse, 168 B.Z. 109	36.56	6.5	
464	92 243	Pola, J. Palisa	.....	.....	.....	Bonn A.G.C. 1122, 6 <sup>s</sup> .29, 3" 6; 8 <sup>m</sup> .9 Anschluss als unsicher angegeben.
465	84 227	Berlin, Knorre	.....	.....	.....	
466	69 67	Berlin, Romberg	Weisse, 172 B.Z. 29 u. 111	53.08	41.2	
467	69 67	Berlin, Romberg	B.B. VI 317	5.93	6.0	Getrennt von Weisse, 208. A.N. 83 190, Declin. 4" 9 nördlicher.
468	81 68	Berlin, Tietjen	A.N. 74 195 mikr. Anschluss	19.73	43.4	
469	112 143	Cap	Cordoba G.C. 1254	54.98	17.2	
470	105 197	Bonn, Scheiner	B.D. 212	24.1	13' 3	
471	67 340	Ann-Arbor	Yarnall 680	40.65	17" 5	{ E.B. + 0 <sup>s</sup> .0023, — 0" 005 nach Pulk. Cat. Bonn A.G.C. 1148, 59 <sup>s</sup> .32, 23" 0; 5 <sup>m</sup> .3. Berlin A.G.Z. 16, 343, 395; 0 <sup>s</sup> .15, 52" 9; 8 <sup>m</sup> .5
472	88 135 u. 190	Wien, Holetschek	Weisse, 212 B.Z. 139 u. 259	43.77	49.3	
473	92 243	Pola, J. Palisa	A.N. 73 281 mikr. Anschluss	43.96	45.1	
474	86 209	Berlin, Knorre	Göttingen Cat. I 276-77	51.18	11.4	
475	69 67	Berlin, Romberg	Pulkowa Cat. 1875.0 333	59.26	23.1	
476	81 68	Berlin, Tietjen	Paris Cat, 1705	0.13	53.0	
477	74 248, 88 189	Königsberg, Lorek	Paris Cat, 1706	9.06	9.5	
478	81 68	Berlin, Tietjen	Schjellerup 424	58.43	55.2	
479	69 67	Berlin, Romberg	Rümker N.F. 631	0.28	27.4	
480	84 227	Berlin, Knorre	Weisse, 234 B.Z. 139 u. 259	8.71	28.9	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
481	+ 3° 190	7.5	7.5	7.0	67.45	65.0	1h 16m 15s 22	1	+ 3s 1034	+0s 0080	+0s 008	+ 4° 5' 5"7	1	18"954	-0"156	- 0"17
482	.....	...	....	9½	84.7	84.0	16 38.49	2	2.6891	-0.0124	0 014	-41 7 42.5	2	18.943	0.137	0 11
483	+ 10 172	7.3	....	9	64.99	65.0	16 44.74	2	3.1512	+0.0112	0.008	+10 11 27.0	2	18.940	0.159	0 17
484	+ 9 162	8.4	7.3	8.2	64.50	65.0	16 47.54	2	3.1497	+0.0111	0 008	+ 9 59 37.4	2	18.939	0.159	0.17
485	+ 4 240	8.7	8.4	8.4	80.99	80.0	17 20.54	3	3.1083	+0.0083	0.008	+ 4 39 25.1	3	18.923	0.159	0.17
486	+ 21 187	9.5	....	9.5	70.72	70.0	17 28.24	2	3.2524	+0.0187	0.009	+22 7 1.2	2	18.919	0.165	0.19
487	- 7 222	9.0	9	9	77.99	75.0	17 32.69	1	3.0139	+0.0024	0.008	- 7 29 45.7	1	18.917	0.154	0.15
488	+ 21 189	8.0	....	9	70.73	70.0	17 43.47	1	3.2464	+0.0182	0.009	+21 23 9.1	1	18.912	0.165	0.19
489	» »	»	....	8.6	70.7	70.0	43.48	1	»	»	»	9..	..	»	»	»
490	- 7 223	6.0	....	5.9	77.97	75.0	18 3.49	1	3.0129	+0.0024	0.008	- 7 34 3.1	1	18.902	0.155	0 15
491	» »	»	7	6.0	78.91	75.0	3.54	1	»	»	»	2.8	1	»	»	»
492	+ 6 219	9.0	9	9.0	80.8	80.0	18 11.40	1	3.1221	+0.0092	0.008	+ 6 21 13.5	1	18.898	0.160	0.17
493	+ 22 223	8.0	....	9	70.7	70.0	18 23.32	2	3.2563	+0.0189	0.010	+22 19 3..	2	18.892	0 169	0.19
494	+ 19 232	9.0	9.0	...	83.98	80.0	18 27.28	2	3.2300	+0.0168	0.009	+19 21 51.3	2	18.890	0.166	0.19
495	+ 8 228	9.1	8.9	9.1	74.01	73.0	18 52.61	2	3.1442	+0.0107	0.008	+ 9 3 30.5	2	18.878	0.163	0.17
496	+ 9 167	6.8	....	8	68.8	68.0	19 23.15	2	3.1503	+0.0111	0.008	+ 9 45 20.0	2	18.863	0.164	0.17
497	+ 22 228	8.8	....	...	70.7	70.0	19 31.24	1	3.2571	+0.0188	0.010	+22 7 55.7	1	18.859	0.170	0.19
498	+ 3 195	9.0	....	8.9	66.70	66.0	19 36.19	2	3.1024	+0.0079	0.008	+ 3 47 22.5	2	18.857	0.162	0.16
499	- 7 229	8.0	....	8	77.98	75.0	19 51.31	2	3.0137	+0.0026	0.008	- 7 18 21.8	2	18.849	0.158	0.15
500	+ 0 236	9.3	....	10	78.79	76.0	19 51.41	4	3.0771	+0.0064	0.008	+ 0 36 17.8	4	18.849	0.161	0.16
501	+ 8 234	9.0	....	9.4	83.0	83.8	19 55.04	2	3.1436	+0.0106	0.008	+ 8 52 46.2	2	18.848	0.165	0.17
502	+ 5 185	9.3	....	9.3	70.79	70.0	20 35.74	1	3.1148	+0.0087	0.008	+ 5 16 29.4	1	18.827	0.164	0.17
503	.....	...	....	11	76.78	76.0	20 39.80	2	3.0766	+0.0064	0.008	+ 0 32 51.3	2	18.825	0.163	0.16
504	- 13 262	6.0	....	5.5	83.8	83.0	20 41.42	2	2.9598	-0.0002	0.009	-13 42 25.3	2	18.824	0.157	0.14
505	.....	...	10.7	11	72.77	72.0	20 52.22	1	3.1593	+0.0117	0.008	+10 40 24.3	1	18.819	0.167	0.17
506	+ 5 186	8.8	....	9	80.90	80.0	20 55.03	2	3.1189	+0.0090	0.008	+ 5 45 59.1	2	18.817	0.165	0.17
507	+ 13 215	9.0	....	9	79.9	79.0	21 2.13	..	3.1806	+0.0131	0.009	+13 10 37.1	..	18.814	0.169	0.18
508	+ 5 187	9.5	....	9.5	70.98	70.0	21 5.90	1	3.1147	+0.0087	0.008	+ 5 13 51.7	1	18.812	0.165	0.17
509	- 8 250	8.6	8.7	8-9	73.99	73.0	21 12.63	2	3.0071	+0.0024	0.008	- 7 59 40.4	2	18.808	0.160	0.15
510	» »	»	9	8-9	77.84	75.0	12.74	2	»	»	»	36.7	2	»	»	»
511	.....	...	11	10½	77.79	75.0	21 48.35	1	3.1598	+0.0117	0.008	+10 36 45.9	1	18.790	0.169	0.17
512	+ 20 225	9.5	....	9.5	70.77	70.0	21 54.02	2	3.2470	+0.0177	0.009	+20 29 5.6	2	18.787	0.174	0.19
513	+ 7 215	8.8	10	10	75.45	80.0	22 5.99	2	3.1362	+0.0101	0.008	+ 7 46 16.8	2	18.781	0.168	0.17
514	- 7 237	9.0	....	9	68.8	68.0	22 6.04	1	3.0095	+0.0026	0.008	- 7 37 37.4	1	18.781	0.162	0.15
515	+ 19 245	8.3	....	8	72.73	70.0	22 36.34	2	3.2423	+0.0173	0.009	+19 50 1.9	2	18.766	0.175	0 19
516	+ 10 191	9.0	....	9	68.8	68.0	22 39.84	1	3.1568	+0.0114	0.008	+10 9 30.7	1	18.764	0.170	0.17
517	- 7 239	8.1	....	9	68.8	68.0	22 49.87	2	3.0100	+0.0027	0.008	- 7 29 42.5	2	18.759	0.163	0.15
518	+ 12 183	9.1	....	9	69.74	70.0	23 10.75	2	3.1742	+0.0126	0.008	+12 7 10.8	2	18.748	0.172	0.17
519	.....	...	....	10	69.73	70.0	23 15.83	2	3.1736	+0.0125	0.008	+12 2 15.2	2	18.745	0.172	0.17
520	+ 7 221	9.5	10.0	...	84.00	80.0	23 41.88	2	3.1393	+0.0103	0.008	+ 7 59 55.1	2	18.732	0.171	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
481	69 67	Berlin, Romberg	Albany A. G. C. 373	15 <sup>s</sup> 18	3" 1	Decl. um — 10' corrigirt cf. Publ. XVIII der A. G. p. 46.
482	112 143	Cap	Cordoba Z. C. 429	38.69	42.5	
483	69 67	Berlin, Romberg	Schjellerup 430	44.82	26.7	
484	69 67	Berlin, Romberg	B. B. VI 162	47.52	34.9	
485	111 50	Hamburg, Schrader	Albany A. G. C. 382	20.60	24.7	
486	81 68	Berlin, Tietjen	B.D. 187	24.4	6' 1	
487	92 243	Pola, J. Palisa	Weisse, 262 B. Z. 259	32.70	49" 5	
488	81 68	Berlin, Tietjen	Weisse, 345 B. Z. 392	43.43	8.8	
489	77 158	Durham, Plummer	Berlin A. G. Z. 16, 193 u. 202	43.48	8.7	
490	92 243	Pola, J. Palisa	Cordoba G. C. 1330	3.50	2.9	
491	95 293	Pola, J. Palisa	Greenw. 10 Y. Cat. 1880.0 216	3.44	3.7	{ Bloss in A. R. scharf bestimmt. Fehlt im Paris Cat. Berlin A. G. Z. 333, 343, 393; 23 <sup>s</sup> . 32, 55" 2; 8 <sup>m</sup> . 6.
492	98 371	Pola, J. Palisa	B. D. 219	9.8	21' 1	
493	77 158	Durham, Plummer	Lalande 2557	22.69	2" 7	
494	111 165	Berlin, Knorre	A. N. 109, 171 mikr. Anschluss	27.28	53.7	
495	84 177	Leipzig, Engelmann	B. D. 228	52.7	2' 7	
496	74 248	Königsberg, Lorek	Santini, 79	23.26	17" 8	
497	77 89	Helsingfors	Berlin A. G. Z. 15, 343, 353	30.67	54.0	
498	69 381	Leiden, v. Hennekeler	Albany A. G. C. 395	36.28	24.0	
499	92 243	Pola, J. Palisa	Weisse, 311 B. Z. 139 u. 259	51.35	23.9	
500	94 285	Kremsmünster	Harvard Zones 81, 82 Nr. 81	51.53	19.3	
501	108 41	Tachkent, Pomerant- [zeff	B. B. VI. 234	54.72	47.3	A. N. + 1 <sup>m</sup> corrigirt, siehe Noten.
502	77 263	Leiden, Valentiner	B. D. 185	34.5	15' 8	
503	94 285	Kremsmünster	Harvard Zones 83-84 Nr. 55	39.72	52" 1	
504	108 40	Tachkent, Pomerant- [zeff	Cordoba G. C. 1370	41.48	25.5	
505	81 363	Leipzig, Engelmann	Markree Cat. Vol. III p. 147	52...	40' 3	
506	111 50	Hamburg, Schrader	Weisse, 331 B. Z. 38	55.12	0" 7	
507	96 320	Kremsmünster	M, 695	1.96	36.1	
508	77 264	Leiden, Valentiner	B. D. 187	3.2	14' 3	
509	83 135 u. 190	Wien, Holetschek	Paris Cat, 1803	12.72	35" 7	
510	92 243	Pola, J. Palisa	Weisse, 339 B. Z. 139 u. 259	12.73	36.1	
511	92 369	Pola, J. Palisa	Markree Cat. Vol. III p. 35	49.0	31' 8	
512	77 264	Leiden, Becker u. Va- [lentiner	B. D. 225	53.1	29.4	
513	88 17	Berl., Becker u. Knorre	Schjellerup 449	5.88	17" 9	
514	74 248	Königsberg, Lorek	Weisse, 352 B. Z. 259	6.06	33.7	
515	81 68	Berlin, Tietjen	Paris Cat, 1831	36.48	2.4	
516	74 248	Königsberg, Lorek	Schjellerup 450	39.73	32.6	
517	74 248	Königsberg, Lorek	Paris Cat, 1837	49.73	44.1	
518	81 68	Berlin, Tietjen	Weisse, 366 B. Z. 124	10.98	10.2	
519	81 68	Berlin, Tietjen	Pariser Karte Nr. 5	18...	2'.	
520	111 265	Berlin, Knorre	A. N. 98 253 mikr. Anschluss	42.01	52" 7	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHÉ DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
1800 +																
521	-- 20° 277	8.5	9	8	78.94	75.0	1 <sup>h</sup> 23 <sup>m</sup> 58 <sup>s</sup> 95	3	+ 28 8956	-0.0028	+0.009	-20° 14' 42" 5	3	18" 723	-0" 159	- 0" 14
522	+ 0 243	8.5	....	...	83.8	83.0	24 6.11	2	3.0782	+0.0066	0.008	+ 0 42 46.0	2	18.719	0.169	0.16
523	+ 5 196	8.5	8.8	9	66.56	65.0	24 19.86	2	3.1171	+0.0089	0.008	+ 5 19 42.5	2	18.712	0.171	0.17
524	+ 21 202	9.5	....	9.5	70.73	70.0	24 20.41	3	3.2614	+0.0185	0.009	+21 28 7.8	3	18.712	0.179	0.19
525	+ 45 365	8.3	8.9	8-9	64.28	65.0	24 24.64	2	3.5664	+0.0439	0.021	+45 45 17.8	2	18.709	0.195	0.24
526	- 8 260	7.9	....	8	73.7	73.0	24 29.23	..	2.9984	+0.0022	0.008	- 8 42 42.4	..	18.706	0.165	0.15
527	" "	"	8.7	9	73.94	73.0	29.83	2	"	"	"	51.9	2	"	"	"
528	+ 16 165	8.8	....	8	80.98	80.0	24 34.24	3	3.2190	+0.0155	0.009	+16 55 19.0	3	18.704	0.177	0.15
529	" "	"	....	...	80.7	80.0	34.30	..	"	"	"	21.3	..	"	"	"
530	+ 12 186	8.7	9.0	10	67.7	67.0	25 18.08	2	3.1794	+0.0128	0.008	+12 25 49.5	2	18.681	0.177	0.17
531	+ 21 206	9.4	....	9.4	70.7	70.0	25 51.25	..	3.2642	+0.0185	0.009	+21 25 39.1	..	18.663	0.182	0.19
532	+ 20 236	9.0	....	9	?	76.0	25 59.08	1	3.2578	+0.0180	0.009	+20 44 24.5	1	18.659	0.182	0.19
533	+ 19 255	8.8	....	8.8	72.73	70.0	26 3.89	2	3.2434	+0.0170	0.009	+19 14 40.3	2	18.657	0.181	0.19
534	- 8 265	8.8	9.2	9	73.99	73.0	26 37.36	2	2.9959	+0.0023	0.008	- 8 47 37.2	2	18.639	0.169	0.15
535	- 8 266	9.4	....	...	73.91	70.0	26 38.64	2	2.9972	+0.0024	0.008	- 8 38 53.5	2	18.638	0.169	0.15
536	+ 10 202	8.6	....	8.	68.8	68.0	26 48.61	3	3.1625	+0.0117	0.008	+10 20 33.2	3	18.633	0.178	0.17
537	.....	...	11.5	...	73.81	70.0	26 52.02	3	3.3582	+0.0253	0.012	+30 1 48.2	3	18.631	0.189	0.20
538	- 11 295	9.3	....	9.3	83.8	83.0	27 31.18	1	2.9677	+0.0010	0.008	-11 51 12.9	1	18.610	0.169	0.15
539	- 2 245	8.4	....	8	65.8	65.0	27 35.44	3	3.0479	+0.0051	0.008	- 2 48 11.0	3	18.607	0.174	0.16
540	... ..	...	10.8	11	67.80	67.0	27 40.46	1	3.1816	+0.0128	0.008	+12 20 50.1	1	18.605	0.181	0.17
541	- 9 301	8.0	8.7	8.7	73.94	73.0	28 5.23	2	2.9920	+0.0022	0.008	- 9 5 48.0	2	18.591	0.171	0.15
542	+ 7 234	7.3	8.0	8	72.92	73.0	28 19.20	1	3.1396	+0.0103	0.008	+ 7 38 6.4	1	18.583	0.180	0.17
543	+ 14 238	8.5	9	8.4	67.45	65.0	28 21.69	2	3.2035	+0.0142	0.009	+14 37 50.8	2	18.582	0.184	0.17
544	.....	...	10	11½	75.87	80.0	29 17.49	1	3.1456	+0.0106	0.008	+ 8 13 24.2	1	18.551	0.182	0.17
545	+ 8 252	8.8	...	8.8	82.7	82.0	29 29.09	2	3.1509	+0.0109	0.008	+ 8 47 25.9	2	18.545	0.183	0.17
546	+ 0 258	8.5	....	9	65.98	65.0	29 30.04	2	3.0779	+0.0068	0.008	+ 0 38 0.8	2	18.544	0.179	0.10
547	+ 46 404	7.7	7.8	8	64.29	65.0	29 42.64	2	3.6062	+0.0452	0.022	+46 18 38.0	2	18.537	0.208	0.26
548	+ 11 205	6.0	....	6	80.8	80.0	30 28.46	1	3.1769	+0.0124	0.008	+11 30 10.9	1	18.512	0.186	0.17
549	" "	"	(6)	7.	67.85	65.0	28.51	2	"	"	"	6.3	2	"	"	"
550	- 9 307	9.1	....	...	73.92	70.0	30 32.01	4	2.9906	+0.0024	0.007	- 9 0 52.6	4	18.510	0.176	0.14
551	+ 11 206	9.3	....	9	71.90	71.0	30 56.12	3	3.1759	+0.0124	0.008	+11 20 38.3	3	18.496	0.187	0.17
552	" "	"	(9)	...	67.99	65.0	56.21	1	"	"	"	41.8	1	"	"	"
553	+ 11 207	7.5	7.5	7.8	76.93	75.0	31 1.76	2	3.1769	+0.0124	0.008	+11 26 23.8	2	18.493	0.187	0.17
554	" "	"	(7)	8	67.88	65.0	1.77	2	"	"	"	26.2	2	"	"	"
555	- 11 306	8.4	....	9	83.8	83.0	31 16.92	2	2.9717	+0.0016	0.008	-10 58 2.8	2	18.484	0.176	0.14
556	+ 9 194	8.1	8.9	8	64.53	65.0	31 21.78	2	3.1556	+0.0112	0.008	+ 9 7 34.4	2	18.482	0.186	0.17
557	- 8 281	9.0	....	9.0	77.79	75.0	31 24.39	2	2.9959	+0.0027	0.008	- 8 21 48.2	2	18.480	0.177	0.15
558	" "	"	....	...	73.7	73.0	24.96	..	"	"	"	64.7	..	"	"	"
559	+ 6 249	9.1	9	...	63.94	65.0	31 41.03	2	3.1308	+0.0097	0.007	+ 6 25 7.1	2	18.471	0.186	0.17
560	+ 9 198	9.2	....	9	82.7	82.0	31 45.32	2	3.1562	+0.0112	0.008	+ 9 8 54.2	2	18.468	0.187	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGlichenEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
521	95 293	Pola, J. Palisa	Arg.-Weiss 725	58 <sup>s</sup> 79	34' 4"	Siehe Noten.
522	108 42	Tachkent, Pomerant- [zeff]	Kam 324-325	6.15	46.7	
523	69 67	Berlin, Romberg	Brüssel Cat. 596	19.70	42.3	
524	81 68	Berlin, Tietjen	B. D. 202	18.6	28' 4"	
525	69 67	Berlin, Romberg	Arg.-Oeltzen 1620	24.53	17' 7"	
526	88 46	Kremsmünster	Weisse <sub>1</sub> 398 B. Z. 197	30.97	53.2	
527	88 135 u. 195	Wien, Holetschek	Paris Cat <sub>3</sub> 1871	30.02	53.8	
528	111 50, 100 361	Hamburg, Schrader	B. D. 165	34.0	55' 4"	
529	100 361	Kremsmünster	.....	.....	.....	
530	71 44	Bonn, Tiele	M <sub>1</sub> 713	17.80	48' 4"	
531	77 89	Helsingfors	B. D. 206	50.6	25.4	Berlin A. G. Z. 323, 353; 59 <sup>s</sup> .08, 23".0: 8 <sup>m</sup> .9.
532	89 265	Marseille, Stephan	Weisse <sub>2</sub> 541 B. Z. 200	58.94	20' 8"	
533	81 68	Berlin, Tietjen	B. D. 255	3.3	15' 0"	
534	88 135	Wien, Holetschek	Weisse <sub>1</sub> 438 B. Z. 259	37.43	35' 1"	
535	84 227, 88 190	Berlin, Knorre	A. N. 83 195 mikr. Anschluss	38.48	51.9	
536	74 248	Königsberg, Lorek	M <sub>1</sub> 718	48.18	36.0	
537	104 196	Leipzig, Engelmann	.....	.....	.....	
538	108 39	Tachkent, Pomerant- [zeff]	B. D. 295	32.2	51' 2"	
539	69 364	Königsberg, Sievers	Paris Cat <sub>3</sub> 1933	34.91	12' 9"	
540	71 175	Leipzig, Engelmann	Pariser Karte Nr. 5	35...	19' ..	
541	88 135 u. 195	Wien, Holetschek	Schjellerup 472	5.34	48' 9"	Kam 353, 29 <sup>s</sup> .90, 56".9. Bonn A. G. C. 1363; 42 <sup>s</sup> .46, 36".0 7 <sup>m</sup> .8.
542	88 135	Wien, Holetschek	Schjellerup 474	19.19	2.6	
543	69 67	Berlin, Romberg	Yarnall 760	21.66	50.8	
544	88 17	Berlin, Becker	Markree Cat. Vol. III p. 30	18...	13' 3"	
545	105 243	Bonn, Scheiner	B. D. 252	29.3	46.8	
546	69 67	Berlin, Romberg	Schjellerup 482	29.53	59' 6"	
547	69 67	Berlin, Romberg	Paris Cat <sub>3</sub> 1988	42.40	36.9	
548	98 371	Pola, J. Palisa	Paris Cat <sub>3</sub> 2002	28.39	6.5	
549	72 113	Berlin, Romberg	M <sub>1</sub> 736	27.74	0.0	
550	84 227, 88 190	Berlin, Knorre	A. N. 83 195 mikr. Anschluss	31.73	54.5	
551	79 137	Leiden, Valentiner	Weisse <sub>1</sub> 509 B. Z. 29, 124 u. 126	56.48	38.1	Siehe Noten.
552	72 113	Berlin, Romberg	A. N. 68 203, 69 186, mikrom. [Anschluss]	56.09	39.2	
553	91 189	Pola, J. Palisa	Paris Cat <sub>3</sub> 2017	1.60	25.9	
554	72 113	Berlin, Romberg	M <sub>1</sub> 740	1.59	25.8	
555	108 39	Tachkent, Pomerant- [zeff]	Weisse <sub>1</sub> 518 B. Z. 199 u. 206	17.11	4.7	
556	69 67	Berlin, Romberg	Glasgow Cat. I 361	21.63	34.6	
557	92 243	Pola, J. Palisa	Leiden, Mer. Beob.	24.35	48.3	
558	88 46	Kremsmünster	.....	.....	.....	
559	69 68	Berlin, Romberg	Kam 361	41.11	7.6	
560	105 197	Bonn, Scheiner	Weisse <sub>1</sub> 529 B. Z. 111	45.87	53.3	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle	Beob.	Pos.											
					1800	+								+			
561	+ 20° 264	6.5	7	7	70.8	70.0	1h 31 <sup>m</sup> 46 <sup>s</sup> 65	1	+ 3 <sup>s</sup> 2698	+0 <sup>s</sup> 0182	+0 <sup>s</sup> 008	+20° 45' 42'' 3	1	18'' 468	—0'' 194	— 0'' 19	
562	» » »	.....	.....	...	70.8	70.0	46.69	3	»	»	»	46..	..	»	»	»	
563	+ 5 219	9.0	9	9.0	75.02	80.0	31 56.47	2	3.1212	+0.0092	0.007	+ 5 21 42.9	2	18.462	0.186	0.16	
564	+ 34 290	9.5	.....	9.5	?	76.0	32 31.54	1	3.4356	+0.0299	0.013	+34 40 45.1	1	18.442	0.205	0.21	
565	+ 11 210	8.3	(9)	9	67.94	65.0	32 32.37	2	3.1820	+0.0127	0.008	+11 48 13.8	2	18.441	0.190	0.17	
566	+ 7 251	9.5	9-10	...	79.95	75.0	32 35.71	2	3.1432	+0.0104	0.007	+ 7 41 16.7	2	18.440	0.188	0.17	
567	+ 72 93	9.5	.....	...	82.7	82.0	32 38.32	4	4.7639	+0.1915	0.237	+72 43 58.9	4	18.438	0.281	0.54	
568	— 8 285	9.2	.....	9.5	66.80	66.0	32 38.94	3	2.9961	+0.0028	0.007	— 8 14 11.4	3	18.437	0.180	0.15	
569	— 6 308	9.5	9.5	9.5	75.78	80.0	32 41.93	2	3.0174	+0.0039	0.007	— 5 57 1.1	2	18.436	0.181	0.15	
570	+ 7 256	8.6	.....	8.8	69.73	70.0	33 13.63	2	3.1444	+0.0105	0.007	+ 7 46 12.2	2	18.417	0.189	0.17	
571	+ 14 257	8.6	(9)	8.7	67.45	65.0	33 59.67	2	3.2150	+0.0146	0.007	+14 59 13.8	2	18.392	0.195	0.18	
572	+ 8 258	6.7	.....	6-7	79.9	79.0	33 59.99	..	3.1484	+0.0107	0.007	+ 8 7 33.9	..	18.391	0.191	0.17	
573	» » »	7	7	7	80.02	75.0	60.03	1	»	»	»	34.6	1	»	»	»	
574	+ 10 221	8.7	.....	9.5	77.79	75.0	34 17.41	2	3.1729	+0.0121	0.007	+10 39 24.2	2	18.381	0.193	0.17	
575	+ 10 222	9.0	.....	9	77.83	77.0	34 34.90	2	3.1723	+0.0121	0.007	+10 34 21.5	2	18.371	0.193	0.17	
576	.....	...	9	9.4	84.7	84.0	34 48.09	2	2.5150	—0.0112	0.013	—46 2 12.7	2	18.363	0.155	0.09	
577	+ 19 276	9.0	.....	...	70.73	70.0	34 48.48	3	3.2689	+0.0179	0.009	+20 5 48.2	3	18.363	0.199	0.19	
578	+ 5 226	8.3	8.5	...	75.49	80.0	34 52.42	2	3.1232	+0.0093	0.007	+ 5 24 58.3	2	18.360	0.191	0.17	
579	+ 5 227	9.5	10	9.5	75.02	80.0	34 55.84	2	3.1223	+0.0093	0.007	+ 5 18 59.8	2	18.359	0.191	0.17	
580	+ 15 248	8.9	...	9	68.8	68.0	35 7.72	3	3.2260	+0.0152	0.008	+15 54 59.7	3	18.351	0.197	0.18	
581	+ 2 249	8.5	8.0	8.7	83.98	80.0	35 10.88	2	3.0969	+0.0080	0.007	+ 2 36 55.6	2	18.349	0.190	0.16	
582	— 12 315	5.8	8	5.8	82.03	82.0	35 34.58	2	2.9577	+0.0014	0.008	—11 56 42.6	1	18.336	0.182	0.14	
583	+ 10 224	9.1	9.0	9.3	84.00	80.0	35 35.25	1	3.1748	+0.0122	0.007	+10 43 7.9	1	18.335	0.195	0.17	
584	+ 30 264	7.8	.....	7.8	83.8	83.0	35 49.90	3	3.3907	+0.0259	0.010	+30 23 46.4	3	18.327	0.208	0.21	
585	+ 5 231	9.0	10	8.8	75.91	80.0	36 9.05	2	3.1225	+0.0093	0.007	+ 5 16 10.2	2	18.315	0.194	0.16	
586	+ 11 221	8.5	9	9	79.99	75.0	36 22.96	2	3.1876	+0.0129	0.008	+11 56 10.3	2	18.307	0.198	0.17	
587	» » »	9	...	...	67.87	65.0	23.03	2	»	»	»	12.5	2	»	»	»	
588	— 20 316	8.2	9	8-9	77.99	75.0	36 31.91	1	2.8735	—0.0018	0.008	—19 59 0.0	1	18.301	0.179	0.13	
589	— 20 319	10	11-12	10.0	77.97	75.0	36 40.70	1	2.8694	—0.0019	0.008	—20 20 9.8	1	18.296	0.179	0.13	
590	+ 8 266	8.7	8	8-9	79.89	75.0	37 9.60	2	3.1588	+0.0112	0.007	+ 8 56 23.1	2	18.279	0.197	0.17	
591	+ 8 267	8.6	8.6	8	82.04	82.0	37 27.35	1	3.1583	+0.0112	0.007	+ 8 52 3.1	1	18.268	0.198	0.17	
592	+ 11 224	9.5	...	9.5	72.73	70.0	37 35.31	2	3.1896	+0.0130	0.008	+11 59 41.3	2	18.264	0.200	0.17	
593	» » »	...	...	...	64.91	65.0	35.39	1	»	»	»	42.1	1	»	»	»	
594	+ 8 269	8.2	.....	9	69.73	70.0	37 38.40	2	3.1583	+0.0112	0.007	+ 8 51 24.1	2	18.261	0.193	0.17	
595	+ 12 223	8.8	9.0	9	66.95	66.0	37 42.20	2	3.1918	+0.0130	0.008	+12 12 11.9	2	18.259	0.200	0.17	
596	.....	...	10	11½	77.75	75.0	38 4.96	1	3.1771	+0.0122	0.007	+10 42 7.1	1	18.245	0.200	0.17	
597	.....	...	...	8	65.8	65.0	38 51.45	..	2.2160	—0.0112	0.016	—56 51 48..	..	18.217	0.143	0.07	
598	+ 7 273	9.4	.....	9.4	63.8	63.0	38 52.77	..	3.1424	+0.0103	0.007	+ 7 9 1.3	..	18.216	0.199	0.16	
599	+ 2 268	7.3	7.3	7.5	83.98	80.0	39 27.02	2	3.0996	+0.0082	0.007	+ 2 47 25.4	2	18.196	0.197	0.16	
600	+ 5 240	8.7	.....	9	76.94	75.0	39 41.52	..	3.1306	+0.0098	0.007	+ 5 54 31.7	2	18.187	0.200	0.16	



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
561	77 89	Helsingfors	Paris Cat., 2030	46 <sup>s</sup> .66	41" 1	Berlin A.G.Z. 182, 191, 395, 46 <sup>s</sup> .80 41" 3; 7 <sup>m</sup> .o. Bloss in A.R. scharf bestimmt
562	77 158	Durham, Plummer	Rümker N.F. 796	46.55	41.3	
563	88 17	Berlin, Knorre	B. D. 219	56.0	21' 5	
564	89 265	Marseille, Stephan	B. D. 290	30.5	41.5	
565	72 113	Berlin, Romberg	Schjellerup 492	32.28	14" 2	
566	97 325	Pola, J. Palisa	B. D. 251	34.8	41' 9	
567	110 196, 102 267	Albany, Tucker	B. D. 93	39.	44.4	
568	69 102, 70 165	Leipzig, Engelmann	A.N. 70 165 mikr. Anschluss	38.95	11" 1	
569	88 17	Berlin, Becker	B. D. 308	40.6	57' 9	
570	81 68	Berlin, Tietjen	B. B. VI 256	13.77	14" 4	
571	69 68	Berlin, Romberg	Yarnall 811	59.48	11.8	Getrennt von der Pola-Beob.
572	97 331	Kremsmünster	Santini, 93	0.06	31.4	
573	97 325	Pola, J. Palisa	Rümker 383	59.88	33.4	
574	92 243, 96 293	Pola, J. Palisa	M, 448	17.40	23.2	
575	92 243	Pola, J. Palisa	M, 756	35.00	25.4	
576	112 143	Cap	Gill-Kapteyn Phot. Durchm.	48.7	2' 2	
577	81 68	Berlin, Tietjen	A.N. 77 243 mikr. Anschluss	48.35	50" 5	
578	88 17	Berlin, Becker u. Knorre	Kam 378	52.42	0.5	
579	88 17	Berlin, Knorre	B. D. 227	55.9	18' 5	
580	74 248	Königsberg, Lorek	Weisse, 788 B.Z. 394	7.87	0" 9	
581	111 166 u. 224	Berlin, Knorre	Albany A. G. C. 476	10.94	56.5	Dupl. $\Sigma$ 147 $\gamma'$ Ceti. Berl. Beob. gilt für minor. E.B. praec. 6 <sup>m</sup> + 0 <sup>s</sup> .004 — 0" 42 Port. Cat. Prop. Mot. Nr. 131. " " 5.8 + 0.005 — 0.39 Pulk. Cat. genähert.
582	102 299	Berlin, Leman	Pulk. Cat. 1875.0 401	34.63	34.8	
583	111 165	Berlin, Knorre	M, 453	35.57	8.4	
584	108 391	Strassburg, Schur	Leiden A. G. Z. 128 u. 245	49.97	45.1	
585	88 17	Berlin, Becker	Albany A. G. C. 485	9.03	10.6	
586	97 325	Pola, J. Palisa	M, 763	22.89	12.1	
587	72 113	Berlin, Romberg	Rümker N. F. 849	22.86	10.3	
588	92 243	Pola, J. Palisa	Arg.-Weiss 848	31.73	54.7	
589	92 243	Pola, J. Palisa	B. D. 319	41.5	20' 4	
590	97 325	Pola, J. Palisa	Paris Cat., 2148	9.69	24" 2	
591	102 172	Leipzig, Weinek	Glasgow Cat. I 374	27.18	5.3	A.N. um + 31 <sup>s</sup> .19 corrigirt. Siehe Noten.  Decl. um — 2' corrigirt cf. Publ. XVIII d. A. G. S. 46. Dupl. $\Sigma$ Cat. gen. 146. Dupl. in A.N. nicht erwähnt.  Bloss in A. R. scharf bestimmt. A.N. 111 Decl. 0" 3 nördlicher. A.N. 111 A.R. 0 <sup>s</sup> .02 kleiner.
592	81 68	Berlin, Tietjen	B. D. 224	33.0	0' 4	
593	69 68	Berlin, Romberg	.....	.....	.....	
594	81 68	Berlin, Tietjen	Schjellerup 511 u. 512	38.09 38.85	25.4 27.4	
595	68 233, 69 102	Leipzig, Engelmann	M, 770	42.13	15.6	
596	92 243	Pola, J. Palisa	Markree Cat. Vol III p. 147	4.4	42' 1	
597	67 140	Melbourne	Cordoba G. C. 1697	51.48	46" 7	
598	68 261, 111 293	Wien	Küstner 53	52.97	2.8	
599	111 165 u. 224	Berlin, Knorre	Albany A. G. C. 501	27.04	25.9	
600	91 189, 111 292	Pola, J. Palisa	Glasgow Cat. I 383	41.56	33.0	

NUM. MER.	NUMMER. der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
1800 +																
601	.....	...	....	5.4	77.82	75.0	1 <sup>h</sup> 39 <sup>m</sup> 47 <sup>s</sup> 52	3	+ 28.8011	-0 <sup>s</sup> .0037	+0 <sup>s</sup> .009	-25°40' 42" 4	3	18" 183	-0" 180	- 0" 12
602	+ 5° 241	8.8	9	9-10	75.77	80.0	39 50.29	1	3.1269	+0.0096	0.007	+ 5 31 54.8	1	18.181	0.200	0.16
603	+ 5 243	8.7	8.5	9	75.40	80.0	40 0.70	2	3.1269	+0.0096	0.007	+ 5 31 25.6	2	18.175	0.200	0.16
604	.....	..	....	...	71.79	71.0	40 24.66	1	3.6430	+0.0440	0.019	+45 10 42.2	1	18.160	0.233	0.25
605	+ 12 231	8.7	(9)	9	67.04	65.0	40 49.09	1	3.1969	+0.0132	0.007	+12 21 1.3	1	18.145	0.206	0.17
606	.....	...	....	9	84.7	84.0	41 8.79	1	2.4475	-0.0103	0.013	-47 34 17.4	1	18.133	0.160	0.09
607	+ 19 288	9.0	....	9.0	72.94	70.0	41 55.39	1	3.2755	+0.0176	0.008	+19 27 47.6	1	18.103	0.213	0.19
608	" "	"	....	...	72.87	70.0	55.54	1	"	"	"	46.9	1	"	"	"
609	+ 9 222	9.1	9	9.1	79.95	75.0	41 56.83	2	3.1681	+0.0117	0.007	+ 9 27 40.0	2	18.103	0.206	0.17
610	.....	...	....	8½	84.7	84.0	42 20.20	1	2.4116	-0.0103	0.014	-48 50 55.9	1	18.088	0.160	0.08
611	.....	..	12	12	78.91	75.0	42 26.47	1	2.8651	-0.0013	0.008	-19 43 12.8	1	18.084	0.188	0.13
612	+ 5 245	9.5	10	9.5	75.91	80.0	42 30.95	2	3.1294	+0.0097	0.007	+ 5 38 53.4	2	18.081	0.205	0.16
613	+ 11 237	8.9	9	10	66.46	65.0	42 37.58	2	3.1950	+0.0131	0.007	+11 58 19.9	2	18.077	0.209	0.17
614	+ 10 248	9.5	9	9.5	79.93	75.0	42 45.51	2	3.1802	+0.0123	0.007	+10 33 4.6	2	18.072	0.209	0.17
615	.....	..	....	7.0	77.79	75.0	42 49.27	3	2.7783	-0.0039	0.009	-26 52 37.4	3	18.069	0.183	0.12
616	- 19 317	8.0	9	9	78.94	75.0	42 51.61	1	2.8725	-0.0010	0.008	-19 0 7.9	1	18.068	0.189	0.13
617	+ 19 290	8.6	....	9	70.73	70.0	43 8.36	1	3.2777	+0.0177	0.008	+19 27 21.3	1	18.058	0.216	0.19
618	- 19 320	9.0	9.2	9.0	73.85	73.0	43 31.38	2	2.8640	-0.0012	0.008	-19 38 8.4	2	18.043	0.190	0.13
619	" "	"	9.3	...	73.85	70.0	31.40	2	"	"	"	7.8	2	"	"	"
620	- 20 346	9.3	9	9.3	78.87	75.0	43 42.27	1	2.8564	-0.0014	0.008	-20 15 58.5	1	18.036	0.190	0.13
621	- 19 321	8.6	9	9	77.99	75.0	43 44.62	1	2.8645	-0.0012	0.008	-19 33 30.2	1	18.034	0.190	0.13
622	+ 11 241	8.9	....	9	72.73	70.0	43 50.53	1	3.1902	+0.0128	0.007	+11 23 43.9	1	18.031	0.211	0.17
623	+ 19 292	9.0	....	9.0	70.7	70.0	43 51.94	1	3.2767	+0.0176	0.008	+19 15 2.5	1	18.030	0.217	0.19
624	" "	"	....	...	70.72	70.0	52.01	2	"	"	"	0.8	2	"	"	"
625	- 19 323	9.0	....	9	77.97	75.0	43 54.12	1	2.8611	-0.0012	0.008	-19 49 37.4	1	18.028	0.190	0.13
626	+ 5 248	9.3	....	9.3	74.97	75.0	44 16.27	1	3.1319	+0.0098	0.007	+ 5 47 43.4	1	18.014	0.208	0.16
627	" "	"	....	...	77.88	75.0	16.34	1	"	"	"	42.3	1	"	"	"
628	" "	"	....	...	76.91	75.0	16.42	1	"	"	"	42.1	1	"	"	"
629	" "	"	9	...	75.87	80.0	16.48	1	"	"	"	42.6	1	"	"	"
630	+ 5 249	8.3	8	9	75.45	80.0	44 18.87	2	3.1331	+0.0099	0.007	+ 5 54 42.5	2	18.012	0.208	0.16
631	" "	"	....	9	77.01	75.0	18.88	2	"	"	"	41.5	3	"	"	"
632	+ 5 251	8.5	....	8	77.79	75.0	44 25.00	1	3.1277	+0.0096	0.007	+ 5 23 17.6	1	18.009	0.208	0.16
633	" "	"	8.5	8-9	75.91	80.0	25.03	1	"	"	"	18.7	1	"	"	"
634	+ 13 288	9.5	9.5	...	69.77	69.0	44 26.08	1	3.2111	+0.0139	0.007	+13 16 60.0	1	18.008	0.214	0.16
635	" "	"	9.5	...	67.95	67.0	26.17	1	"	"	"	57.1	1	"	"	"
636	+ 12 243	9.3	....	9.3	72.73	70.0	44 26.78	2	3.2017	+0.0134	0.007	+12 24 41.5	2	18.007	0.213	0.16
637	" "	"	....	...	71.91	71.0	26.83	3	"	"	"	41.6	2	"	"	"
638	.....	11	12	11	78.96	75.0	44 56.68	1	2.8659	-0.0010	0.008	-19 14 56.4	1	17.988	0.192	0.13
639	+ 17 276	7.2	....	6-7	68.8	68.0	44 58.59	3	3.2606	+0.0166	0.007	+17 40 29.9	3	17.987	0.218	0.18
640	- 19 324	9.7	10.0	9.7	73.73	73.0	45 17.08	2	2.8640	-0.0010	0.008	-19 21 10.5	2	17.975	0.193	0.13

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
601	92 243	Pola, J. Palisa	Cordoba G. C. 1713	47 <sup>h</sup> 45	39 <sup>m</sup> 4	* Sculptoris.
602	88 17	Berlin, Becker	Paris Cat, 2193	50.32	56.8	
603	88 17	Berl., Becker u. Knorre	Paris Cat, 2196	0.70	25.0	
604	79 137	Leiden, Valentiner	Leiden mikrom. Anschluss	25.5	10 <sup>m</sup> 5	Siehe Noten.
605	69 68	Berlin, Romberg	Schjellerup 525	48.85	0 <sup>m</sup> 8	
606	112 143	Cap	Cordoba G. C. 1731	8.60	18.5	
607	84 241	Berlin, Knorre	B. D. 288	55.6	27 <sup>m</sup> 7	
608	81 68	Berlin, Tietjen	.....	.....	.....	
609	97 325	Pola, J. Palisa	Küstner 55	56.84	40 <sup>m</sup> 3	
610	112 144	Cap	Cordoba G. C. 1755	20.08	57.1	
611	95 293	Pola, J. Palisa	A.N. 83, 40 mikr. Anschluss	26.26	18.5	
612	88 17	Berlin, Becker	B. D. 245	31.2	38 <sup>m</sup> 6	
613	69 68	Berlin, Romberg	M <sub>1</sub> 794	37.10	19 <sup>m</sup> 0	
614	97 325	Pola, J. Palisa	B. D. 248	43.8	33 <sup>m</sup> 4	
615	92 245	Pola, J. Palisa	Yarnall 871	49.25	35 <sup>m</sup> 8	
616	95 293	Pola, J. Palisa	Arg.-Weiss 904	51.12	6.5	
617	81 69	Berlin, Tietjen	Weisse, 973 B. Z. 332	8.26	18.8	
618	82 380, 84 177	Leipzig, Engelmann	B. D. 320	31.0	38 <sup>m</sup> 1	
619	84 227, 86 89	Berlin, Knorre	.....	.....	.....	
620	95 293	Pola, J. Palisa	B. D. 346	42.5	16.1	
621	92 245	Pola, J. Palisa	Arg.-Weiss 914	44.41	29 <sup>m</sup> 3	
622	81 69	Berlin, Tietjen	Schjellerup 538-9	50.45	44.8	
623	76 319	Helsingfors	B. D. 292	52.5	14 <sup>m</sup> 3	
624	81 69	Berlin, Tietjen	.....	.....	.....	
625	92 245	Pola, J. Palisa	Cincinnati Zones Nr. 243	54.28	36 <sup>m</sup> 5	
626	86 105	Hamburg, Lindstedt	B. B. VI 248	16.62	45.0	
627	92 245	Pola, J. Palisa	.....	.....	.....	
628	91 189	Pola, J. Palisa	.....	.....	.....	
629	88 17	Berlin, Becker	.....	.....	.....	
630	88 17	Berl., Becker u. Knorre	Paris Cat, 2296	18.94	42.3	E. B. { +0 <sup>s</sup> .007, —0 <sup>m</sup> .15 Porter Cat. Prop. Mot. Nr. 138. +0.0082, —0.170 Paris Cat. 2296. +0.0080, —0.167 Stumpe A. N. 125, S. 397.
631	91 189	Pola, J. Palisa	Weisse, 770 B. Z. 44	18.66	50.3	
632	92 245	Pola, J. Palisa	Paris Cat, 2302	24.98	19.1	A. N. δ + 40 <sup>m</sup> .0 corrigirt; cf. Publ. XVIII A. G. und Noten.
633	88 17	Berlin, Becker	Lalande 3386	24.96	22.9	
634	76 73	Leipzig, Engelmann	A. N. 71 279 mikr. Anschluss	25.95	58.5	
635	71 175	Leipzig, Engelmann	.....	.....	.....	
636	81 69, 97 333	Berlin, Tietjen	B. D. 243	25.5	24 <sup>m</sup> 0	A. N. 97 A. R. 0.001 kleiner.
637	79 137	Leiden, Valentiner	.....	.....	.....	
638	95 293	Pola, J. Palisa	A. N. 83, 40 mikr. Anschluss	55.93	56 <sup>m</sup> 1	
639	74 248	Königsberg, Lorek	Paris Cat, 2310	58.74	27.9	
640	82 277, 84 43 u. 177	Leipzig, Engelmann	B. D. 324	19.3	21 <sup>m</sup> 1	

NUM- MER.	NUMMER der nördl. u. süd. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
641	-- 19° 325	9.7	10-11	...	78.91	75.0	1h 45 <sup>m</sup> 18 <sup>s</sup> 15	2	+ 288640	-0 <sup>s</sup> 0010	+0 <sup>s</sup> 008	-19° 20' 24" 5	2	17" 975	-0" 193	- 0" 15
642	+ 10 255	7.8	7.0	8	84.00	80.0	45 24.23	2	3.1789	+0.0122	0.007	+10 11 30.8	2	17.970	0.213	0.17
643	» »	»	....	8.6	79.9	79.0	24.28	..	»	»	»	32.5	..	»	»	»
644	+ 25 316	8.6	9-10	8.6	69.9	69.0	45 41.06	..	3.3606	+0.0223	0.008	+25 51 42.0	..	17.959	0.226	0.20
645	+ 5 255	9.0	9	9.0	75.40	80.0	45 48.93	2	3.1341	+0.0099	0.007	+ 5 56 0.0	2	17.954	0.211	0.16
646	- 13 340	7.8	8	7-8	77.99	75.0	46 35.82	1	2.9300	+0.0014	0.007	-13 20 47.0	1	17.924	0.199	0.13
647	+ 11 248	7.2	....	8.	64.95	65.0	46 49.18	2	3.2007	+0.0132	0.007	+12 4 1.3	2	17.915	0.217	0.17
648	+ 18 244	9.1	....	9	70.7	70.0	46 56.19	1	3.2757	+0.0172	0.008	+18 41 10.4	1	17.910	0.223	0.19
649	- 15 336	8.5	....	9	73.7	73.0	47 1.26	..	2.9101	+0.0008	0.008	-15 4 54.8	..	17.907	0.199	0.13
650	» »	»	9	...	77.80	75.0	1.49	1	»	»	»	40.9	1	»	»	»
651	.....	...	....	9½	84.7	84.0	47 25.24	1	2.3716	-0.0094	0.012	-49 14 14.8	1	17.891	0.164	0.07
652	+ 5 260	9.3	9.5	9.3	75.91	80.0	47 28.11	2	3.1357	+0.0100	0.007	+ 6 0 2.5	2	17.889	0.214	0.16
653	- 13 346	8.5	8	8-9	78.87	75.0	47 29.27	1	2.9320	+0.0016	0.007	-13 3 51.4	1	17.889	0.201	0.13
654	+ 10 257	8.0	8	8	79.84	75.0	47 44.95	2	3.1876	+0.0125	0.006	+10 47 11.0	2	17.878	0.218	0.17
655	» »	»	....	8	79.97	80.0	44.99	2	»	»	»	10.0	1	»	»	»
656	- 18 326	9.4	10	9.4	78.97	75.0	47 57.41	2	2.8655	-0.0006	0.008	-18 48 54.4	2	17.870	0.197	0.13
657	- 18 327	9.0	9.3	9	73.75	73.0	48 3.67	2	2.8667	-0.0005	0.008	-18 42 2.4	2	17.866	0.198	0.13
658	- 12 349	7.8	8.9	8	78.94	75.0	48 7.36	1	2.9404	+0.0019	0.007	-12 14 35.1	1	17.864	0.203	0.14
659	- 12 350	8.0	8	8-9	77.83	75.0	48 12.95	2	2.9378	+0.0018	0.007	-12 28 6.6	2	17.860	0.202	0.14
660	» »	»	....	9	73.7	73.0	13.10	..	»	»	»	9.0	..	»	»	»
661	.....	...	....	...	73.7	73.0	48 14.68	..	2.9367	+0.0018	0.007	-12 33 34.9	..	17.859	0.202	0.14
662	+ 71 112	9.4	9.4	9.4	83.98	80.0	48 30.42	2	4.9307	+0.1855	0.196	+71 50 22.0	2	17.848	0.335	0.38
663	- 12 352	8.3	8.5	8-9	73.85	73.0	48 46.48	1	2.9410	+0.0020	0.007	-12 7 32.8	1	17.838	0.204	0.14
664	- 18 328	9.4	10	9.4	78.93	75.0	48 48.16	2	2.8646	-0.0005	0.008	-18 45 58.1	2	17.836	0.199	0.13
665	+ 11 251	7.5	7.5	8.	76.91	76.0	48 57.73	1	3.2019	+0.0132	0.007	+11 57 33.2	1	17.830	0.221	0.17
666	- 14 358	8.5	....	9	77.97	75.0	49 14.42	1	2.9111	+0.0010	0.007	-14 43 14.6	1	17.819	0.202	0.13
667	- 13 350	8.2	8.2	9	73.76	73.0	49 25.06	1	2.9274	+0.0016	0.007	-13 16 8.7	2	17.812	0.204	0.13
668	+ 12 252	9.4	....	9-10	71.91	71.0	49 26.74	3	3.2092	+0.0136	0.007	+12 33 58.6	3	17.811	0.223	0.17
669	» »	»	....	9-10	72.73	70.0	49 26.80	2	»	»	»	59.3	2	»	»	»
670	+ 3 266	9.3	9.9	9.3	68.9	65.0	49 58.57	5	3.1076	+0.0088	0.006	+ 3 16 55.7	5	17.789	0.217	0.16
671	- 12 358	8.8	....	9	73.80	73.0	50 49.64	2	2.9306	+0.0018	0.007	-12 50 7.6	2	17.755	0.215	0.13
672	+ 9 245	9.2	9.2	9	84.00	80.0	50 49.74	1	3.1738	+0.0118	0.006	+ 9 16 33.8	1	17.755	0.223	0.17
673	+ 30 311	9.4	....	9.4	?	76.0	50 54.75	1	3.4413	+0.0265	0.009	+30 40 48.2	1	17.751	0.241	0.21
674	+ 10 262	9.5	9	9.5	79.88	75.0	50 58.30	2	3.1856	+0.0124	0.006	+10 19 24.8	2	17.749	0.224	0.17
675	+ 12 260	8.9	....	...	65.00	65.0	51 6.46	2	3.2085	+0.0135	0.006	+12 19 56.8	2	17.743	0.226	0.17
676	+ 9 246	8.8	....	...	65.98	65.0	51 11.09	1	3.1787	+0.0120	0.006	+ 9 41 38.0	1	17.740	0.224	0.17
677	+ 2 302	8.8	9.2	8.8	68.9	65.0	51 30.89	5	3.1057	+0.0087	0.006	+ 3 3 34.5	5	17.727	0.219	0.16
678	+ 45 504	8.7	...	9	64.41	65.0	51 41.62	2	3.7103	+0.0451	0.018	+45 32 30.4	2	17.719	0.261	0.26
679	- 12 364	8.6	8.5	9	73.91	73.0	51 48.35	3	2.9325	+0.0020	0.006	-12 34 9.9	3	17.715	0.208	0.13
680	+ 10 264	8.5	8.9	9	74.02	70.0	51 49.80	2	3.1848	+0.0123	0.006	+10 11 0.3	2	17.714	0.225	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
641	95 293	Pola, J. Palisa	A.N. 83 40 mikr. Anschluss	17 <sup>s</sup> 68	21" 2	Dupl. bor.
642	111 165	Berlin, Knorre	Paris Cat, 2323	24. 18	31. 8	Dupl. in Berl. Med. beob.
643	98 253	Kremsmünster	Pulkowa Cat. 1875.0 437-8	24.24 24.24	29.7 32.5	Σ 178
644	75 283	Kremsmünster	B. D. 316	39. 5	52' 0	Scheinb. Aeq. 21 Dec. 1869 Red. — 3 <sup>s</sup> .061 — 17".81
645	88 17	Berl., Becker u. Knorre	B. D. 255	49. 1	55. 4	
646	92 245	Pola, J. Palisa	Weisse, 818 B. Z. 202	36. 42	47" 4	
647	69 68	Berlin, Romberg	M, 804	49. 21	0. 0	
648	76 319	Helsingfors	Weisse, 1082 B. Z. 332	56. 04	4. 8	B. Z. u. Weisse — 1 <sup>m</sup> corrigirt nach Fehl. Verzeich. BB IV.
649	83 47	Kremsmünster	Arg.-Weiss 945	1. 33	37. 5	Scheinb. Aeq. 1 Sept. 1873 Red. — 2 <sup>s</sup> .221 — 21".76.
650	92 245	Pola, J. Palisa	.....	....	....	Siehe Noten.
651	112 144	Cap	Cordoba Z. C. 1233	25. 45	13. 1	
652	88 19	Berlin, Becker	B. D. 260	27. 4	0' 0	
653	95 293	Pola, J. Palisa	Weisse, 833 B. Z. 202	29. 37	48" 0	
654	97 325	Pola, J. Palisa	Weisse, 834 B. Z. 31	45. 12	11. 3	
655	111 50	Hamburg Schrader	Glasgow Cat. II 147	45. 04	11. 0	Epoche der Decl. Beob. 79.88; 2 <sup>e</sup> Beob. der A.R. unsicher.
656	95 293	Pola, J. Palisa	B. D. 226	57. 2	49' 0	
657	82 278, 88 191, 84 43 u. [177, 86 89]	Leipzig, Engelmann	Arg.-Weiss 954	3. 40	0" 0	
658	95 293	Pola, J. Palisa	Paris Cat, 2371	7. 22	35. 2	
659	92 245	Pola, J. Palisa	Paris Cat, 2374	12. 93	5. 5	
660	83 46	Kremsmünster	Lalande 3535	12. 97	11. 6	Scheinb. Aeq. 21 Aug. 1873 Red. — 1 <sup>s</sup> .921 — 20".53.
661	83 46	Kremsmünster	.....	....	....	Scheinb. Aeq. 22 Aug. 1873 Red. — 1 <sup>s</sup> .948 — 20" 63. S. Noten
662	111 165 u. 221	Berlin, Knorre	B. D. 112	29. ...	50' 4	
663	84 177	Leipzig, Engelmann	Weisse, 857 B. Z. 199 u. 206	46. 69	33" 1	
664	95 293	Pola, J. Palisa	B. D. 328	47. 5	46' 3	
665	90 203	Leipzig, Weinek	M, 813	57. 69	34" 0	
666	92 245	Pola, J. Palisa	Weisse, 864 B. Z. 202	14. 40	16. 6	
667	84 177, 82 278 u. 380	Leipzig, Engelmann	Weisse, 868 B. Z. 202	25. 38	7. 4	
668	79 137	Leiden, Valentiner	Paris Cat, 2392	26. 84	2. 9	Nicht bei Lalande.
669	81 69	Berlin, Tietjen	.....	....	....	
670	84 147, 73 142	Madras	B. D. 266	57. 9	16' 7	A. N. 73 A. R. 0 <sup>s</sup> .09 kleiner, δ 0" 6 nördlicher; beruht [dort auf 2 Beob.]
671	86 313, 89 35	Leiden, E. Bakhuyzen	Weisse, 883 B. Z. 202	49. 49	11" 7	
672	111 165	Berlin, Knorre	Kam 424-5	49. 89	33. 0	
673	80 265	Marseille, Stephan	Leiden A. G. Z. 140 u. 230	54. 72	48. 3	
674	97 325	Pola, J. Palisa	B. D. 262	56. 9	19' 7	
675	69 68	Berlin, Romberg	Kam 427	6. 34	56" 2	
676	69 68	Berlin, Romberg	Rümker N. F. 1002	10. 71	35. 3	
677	84 147, 73 142	Madras	Albany A. G. C. 553	30. 83	36. 7	A. N. 73 A. R. 0 <sup>s</sup> .06 kleiner, δ 0" 4 nördlicher; beruht Bonn A. G. C. 1693, 41 <sup>s</sup> .43, 28" 8; 8m. 2. [dort auf 2 Beob.]
678	69 68	Berlin, Romberg	Paris Cat, 2440	41. 35	29. 0	
679	84 177, 82 379	Leipzig, Engelmann	Weisse, 900 B. Z. 202 u. 206	48. 55	10. 4	
680	84 227, 86 85	Berlin, Knorre	M, 822	49. 92	3. 0	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied.
					1800 +									+		
681	— 14° 366	9.0	....	...	77.89	75.0	1h 51m 56s 73	2	+ 289054	+0.0011	+0.0007	—14° 53' 41" 2	2	17" 709	—0" 206	— 0" 13
682	— 13 355	9.7	....	9.7	73.87	73.0	51 59.86	1	2.9215	+0.0016	0.0007	—13 30 7.8	1	17.707	0.208	0.13
683	— 15 352	8.0	....	...	73.7	73.0	52 2.28	3	2.8995	+0.0009	0.0007	—15 22 58.3	3	17.705	0.206	0.13
684	— 14 368	9.0	9-10	9	77.88	75.0	52 19.10	1	2.9079	+0.0012	0.0007	—14 38 25.1	1	17.694	0.207	0.13
685	— 12 367	6.3	8	6.7	77.97	75.0	52 37.81	1	2.9392	+0.0023	0.0006	—11 54 26.0	1	17.681	0.210	0.13
686	+ 20 322	6.5	6.0	6.0	72.89	73.0	52 39.42	1	3.3076	+0.0185	0.0007	+20 27 1.7	1	17.680	0.235	0.19
687	+ 17 295	9.1	....	...	70.7	70.0	53 2.46	1	3.2758	+0.0168	0.0007	+17 49 43.7	1	17.664	0.234	0.18
688	— 14 371	7.0	....	7½	73.71	73.0	53 27.25	2	2.9082	+0.0013	0.0007	—14 28 52.1	2	17.646	0.209	0.13
689	+ 11 262	8.6	....	9	79.94	75.0	53 35.75	2	3.2047	+0.0132	0.0006	+11 45 58.4	2	17.641	0.230	0.17
690	+ 6 314	7.7	8.5	7-8	75.42	80.0	53 39.13	2	3.1426	+0.0103	0.0006	+ 6 18 40.1	2	17.638	0.225	0.16
691	» »	»	9	7-8	76.99	75.0	39.14	2	»	»	»	39.2	2	»	»	»
692	+ 3 273	7.5	7.4	7.8	68.9	65.0	53 51.79	5	3.1144	+0.0091	0.0006	+ 3 46 55.3	5	17.630	0.224	0.15
693	+ 30 319	9.2	....	9.2	66.01	65.0	53 58.98	1	3.4538	+0.0268	0.0009	+30 53 2.5	1	17.625	0.248	0.21
694	+ 47 548	8.7	....	...	64.28	65.0	54 0.25	2	3.7593	+0.0480	0.019	+47 7 19.1	2	17.624	0.269	0.27
695	— 14 373	7.8	....	8-9	74.90	75.0	54 0.77	2	2.9114	+0.0146	0.0007	—14 9 10.7	2	17.623	0.232	0.13
696	+ 8 308	8.5	9	8	75.89	80.0	54 8.23	2	3.1689	+0.0115	0.0006	+ 8 36 18.7	2	17.618	0.228	0.16
697	— 15 356	10	10-11	...	78.89	75.0	54 15.83	2	2.9018	+0.0012	0.0007	—14 55 46.5	2	17.613	0.210	0.13
698	.....	...	....	8½	84.7	84.0	54 27.49	2	2.2886	—0.0080	0.012	—50 44 59.1	2	17.605	0.167	0.07
699	+ 31 354	8.0	....	8.0	66.53	65.0	54 30.23	2	3.4650	+0.0274	0.0009	+31 30 57.8	2	17.603	0.250	0.22
700	+ 10 270	9.0	....	9.	74.85	75.0	54 30.51	2	3.1879	+0.0124	0.0006	+10 14 3.3	2	17.603	0.230	0.17
701	» »	»	9.5	9	75.05	80.0	30.64	2	»	»	»	3.7	2	»	»	»
702	.....	...	10-11	11	79.98	75.0	54 41.22	3	3.2169	+0.0138	0.0006	+12 42 20.4	3	17.595	0.232	0.17
703	— 11 386	7.5	8.1	8-9	73.85	73.0	54 57.18	2	2.9396	+0.0025	0.0006	—11 39 28.6	2	17.584	0.214	0.13
704	+ 8 314	8.5	8.5	9	84.00	80.0	55 41.09	1	3.1748	+0.0118	0.0006	+ 9 0 37.5	1	17.553	0.231	0.17
705	+ 11 267	9.0	....	9.0	80.03	75.0	56 8.48	1	3.2011	+0.0130	0.0006	+11 14 4.7	1	17.534	0.234	0.17
706	+ 31 359	8.3	....	8.3	?	76.0	56 21.17	1	3.4672	+0.0272	0.0009	+31 17 10.4	1	17.525	0.253	0.21
707	— 13 369	8.6	8	9	?	59.0	56 29.48	..	2.9131	+0.0018	0.0007	—13 44 35.9	..	17.519	0.214	0.13
708	+ 17 305	9.2	....	9.2	70.73	70.0	56 36.24	2	3.2749	+0.0165	0.0006	+17 17 13.5	2	17.514	0.240	0.18
709	+ 10 277	9.2	9	9	79.79	75.0	56 36.25	1	3.1994	+0.0129	0.0006	+11 3 3.8	1	17.514	0.235	0.17
710	» »	»	....	9	79.9	79.0	36.27	..	»	»	»	4.8	..	»	»	»
711	+ 2 324	9.0	9.4	9.3	68.95	68.0	56 39.31	3	3.1014	+0.0086	0.0006	+ 2 33 40.2	3	17.512	0.228	0.15
712	+ 12 275	9.1	9	9	79.93	75.0	57 11.83	2	3.2166	+0.0137	0.0006	+12 26 28.6	2	17.489	0.237	0.17
713	+ 12 278	9.4	9	9.4	79.93	75.0	57 48.83	3	3.2137	+0.0135	0.0006	+12 8 22.0	3	17.462	0.238	0.17
714	+ 2 327	9.3	9.3	9.3	68.94	68.0	58 2.25	2	3.1005	+0.0086	0.0006	+ 2 27 37.3	2	17.453	0.230	0.15
715	+ 43 425	9.4	....	9.4	?	77.0	58 8.74	1	3.7081	+0.0426	0.015	+43 58 23.6	1	17.448	0.274	0.26
716	+ 9 264	7.3	....	7.8	74.97	75.0	58 21.58	2	3.1829	+0.0121	0.0006	+ 9 30 56.8	2	17.439	0.237	0.17
717	» »	»	7	7-8	75.89	80.0	21.68	2	»	»	»	59.2	2	»	»	»
718	» »	»	7.3	...	83.98	80.0	21.72	2	»	»	»	58.6	2	»	»	»
719	+ 9 266	7.5	....	8	75.08	75.0	58 44.50	2	3.1827	+0.0121	0.0006	+ 9 28 35.5	2	17.422	0.237	0.17
720	+ 16 237	8.5	....	8	70.7	70.0	58 53.02	1	3.2755	+0.0164	0.0006	+17 3 5.5	1	17.416	0.244	0.18

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGlichenEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
681	92 245	Pola, J. Palisa	A.N. 84 43 mikr. Anschluss	56.20	39° 7'	Berlin A.G.Z. 180, 182 u. 191, 39°.63, 1° 4'; 6m.4. E.B. + 0°.0130, 0°.000 Paris Cat. 2463.
682	86 313 89 35	Leiden, E. Bakhuyzen	B. D. 355	0.0	30' 3"	
683	84 21	Washington	A.N. 83, 191 mikr. Anschluss	2.22	57° 6'	
684	92 245	Pola, J. Palisa	A. N. 83, 40 mikr. Anschluss	19.05	25.1	
685	92 245	Pola, J. Palisa	Cordoba G. C. 1939	37.86	25.1	
686	83 135	Wien, Holetschek	Yarnall 939	39 39	2.3	
687	76 319	Helsingfors	Rümker, N.F. 1025	2.67	43.9	
688	85 197, 89 35	Leiden, E. Bakhuyzen	Cordoba G.C. 1953	27.23	51.4	
689	97 325	Pola, J. Palisa	M <sub>1</sub> 828	35.74	1.1	
690	88 19, 102 285	Berl., Becker u. Knorre	Paris Cat., 2487	38.97	39.9	
691	91 189	Pola, J. Palisa	Brüssel Cat. 757	38.64	39.4	A.N. 73 A.R. 0°.08 grösser, 3 0°.2 südlicher beruht dort [auf 2 Beob. Bonn A.G.C. 1725, 0°.21, 17°.1; 8m.5.
692	84 147, 78 142	Madras	Albany A. G. C. 561	51.86	55.4	
693	69 68	Berlin, Romberg	Leiden A.G.Z. 128 u. 245	58.83	2.7	
694	69 68	Berlin, Romberg	Kam 436	0.26	18.1	
695	86 105	Hamburg, Lindstedt	Paris Cat., 2502	0.82	9.2	
696	88 19	Berlin, Becker	Glasgow Cat. I 438	7.99	19.3	
697	95 293	Pola, J. Palisa	A.N. 83, 191 mikr. Anschluss	15.91	42.6	
698	112 144	Cap	Cordoba G.C. 1971	27.49	59.2	
699	69 68	Berlin, Romberg	Leiden A.G.Z. 140 u. 230	30.22	56.5	
700	86 105	Hamburg, Lindstedt	M <sub>1</sub> 836	30.83	3.8	
701	88 19, 111 293	Berlin, Knorre	Paris Cat., 2513	30.62	2.0	
702	97 325	Pola, J. Palisa	Markree Cat. Vol. I p. 39	42. . .	42' 5"	
703	82 379, 84 177	Leipzig, Engelmann	Santini, 158	57.11	29° 8'	
704	111 167	Berlin, Knorre	Schjellerup 597	41.06	39.2	
705	97 325	Pola, J. Palisa	A.N. 98, 253 mikr. Anschluss	8.35	10.6	
706	89 265	Marseille, Stephan	Leiden A.G.Z. 263 u. 325	21.34	10.3	
707	70 199	Berlin, Bruhns	Paris Cat., 2564	29.69	40.8	
708	81 69	Berlin, Tietjen	B. D. 205	35.7	16' 8"	
709	97 325	Pola, J. Palisa	Weisse, 988 B.Z. 31 u. 126	36.18	2° 4'	
710	97 331	Kremsmünster	Greenw. 7 Y. Cat. 135	36.41	1.8	
711	78 142	Madras	Albany A. G. C. 580	39.37	39.8	
712	97 325	Pola, J. Palisa	M <sub>1</sub> 850	11.78	31.6	
713	97 325	Pola, J. Palisa	B. D. 278	48.2	7' 9"	
714	78 142	Madras	B.D. 327	59.5	27.6	
715	89 216	Marseille, Stephan	B. D. 425	4.7	57.4	
716	86 105	Hamburg, Lindstedt	Yarnall 975	21.75	58° 1'	
717	88 19	Berlin, Becker	Paris Cat., 2599	21.78	58.2	
718	111 167	Berlin, Knorre	Kam 444	21.88	56.3	
719	86 107	Hamburg, Lindstedt	Kam 447	44.45	36.0	
720	76 319	Helsingfors	Paris Cat., 2608	53.05	6.8	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
721	+ 19° 324	7.7	....	7-8	72.73	70.0	1h 59 <sup>m</sup> 20 <sup>s</sup> 86	2	+ 3 <sup>s</sup> 3143	+0 <sup>s</sup> 0183	+0 <sup>s</sup> 006	+19° 59' 38'' 4	2	17'' 396	-0'' 248	- 0'' 19
722	+ 11 277	9.1	....	9.1	80.03	75.0	59 31.65	1	3.2119	+0.0134	0.006	+11 50 17.2	1	17.388	0.241	0.17
723	» »	»	....	...	79.9	79.0	31.71	..	»	»	»	17.0	..	»	»	»
724	+ 21 279	6.0	5	5.2	78.87	75.0	59 34.38	1	3.3422	+0.0197	0.006	+22 3 5.3	1	17.386	0.250	0.19
725	+ 12 282	7.3	7.8	7.5	79.9	75.0	59 45.20	1	3.2246	+0.0140	0.006	+12 51 52.7	1	17.378	0.242	0.17
726	» »	»	....	8	80.04	79.0	45.26	1	»	»	»	52.9	1	»	»	»
727	+ 7 326	9.0	9	9.0	75.78	80.0	59 54.02	2	3.1556	+0.0109	0.006	+ 7 7 2.3	2	17.372	0.237	0.16
728	+ 6 326	9.5	9.5	9.5	75.87	80.0	2 0 34.16	1	3.1522	+0.0107	0.006	+ 6 47 16.4	1	17.342	0.238	0.16
729	+ 10 291	9.5	....	9.5	74.94	75.0	0 57.25	1	3.2034	+0.0129	0.006	+11 1 32.0	1	17.326	0.243	0.17
730	+ 18 274	9.5	9.5	9.5	84.00	80.0	1 16.88	1	3.3001	+0.0175	0.006	+18 38 58.9	1	17.311	0.250	0.19
731	» »	»	....	...	80.8	80.0	16.97	..	»	»	»	66.5	..	»	»	»
732	+ 2 334	9.0	9.6	9.0	68.92	68.0	1 25.60	2	3.1046	+0.0088	0.006	+ 2 44 37.6	2	17.305	0.236	0.15
733	- 14 398	8.5	8.9	8-9	?	59.0	1 56.28	..	2.8925	+0.0016	0.006	-14 50 42.8	..	17.282	0.221	0.13
734	+ 7 335	9.0	....	...	74.8	74.0	2 5.16	..	3.1591	+0.0110	0.006	+ 7 17 9.5	..	17.275	0.241	0.16
735	+ 16 247	6.8	7	7	75.95	80.0	2 31.18	1	3.2758	+0.0162	0.006	+16 38 14.2	1	17.256	0.251	0.18
736	+ 20 339	9.3	9	...	77.80	75.0	2 34.67	2	3.3246	+0.0186	0.006	+20 19 7.8	2	17.254	0.255	0.19
737	+ 19 329	7.5	....	8	77.79	75.0	2 46.65	1	3.3173	+0.0182	0.006	+19 45 18.0	1	17.244	0.254	0.19
738	+ 13 339	9.0	9	9.0	79.79	75.0	3 10.67	1	3.2357	+0.0143	0.006	+13 25 53.7	1	17.227	0.249	0.17
739	» »	»	....	»	79.8	79.0	10.73	..	»	»	»	53.9	..	»	»	»
740	+ 13 340	9.0	9	9.0	79.93	75.0	3 12.73	1	3.2354	+0.0143	0.006	+13 24 3.5	1	17.225	0.249	0.17
741	» »	»	....	»	79.8	79.0	12.92	..	»	»	»	8.0	..	»	»	»
742	+ 14 350	8.3	8.9	8-9	79.85	75.0	3 28.30	1	3.2488	+0.0149	0.006	+14 25 50.2	1	17.214	0.250	0.18
743	+ 15 311	9.3	9.3	9	84.00	80.0	4 4.84	1	3.2671	+0.0157	0.006	+15 47 37.8	1	17.186	0.253	0.18
744	+ 7 343	9.5	9.5	9.5	75.87	80.0	4 5.04	1	3.1586	+0.0110	0.006	+ 7 8 34.9	1	17.186	0.244	0.16
745	+ 13 343	7.9	8.9	7.9	79.97	75.0	4 5.95	1	3.2325	+0.0141	0.006	+13 5 39 8	1	17.185	0.250	0.17
746	+ 7 344	9.3	9.5	9.3	75.08	80.0	4 12.28	1	3.1605	+0.0111	0.006	+ 7 17 51.4	1	17.181	0.245	0.16
747	» »	»	....	...	74.8	74.0	12.65	..	»	»	»	....	..	»	»	»
748	+ 13 344	9.2	9-10	9.2	79.91	75.0	4 16.66	2	3.2412	+0.0145	0.006	+13 45 21.0	2	17.177	0.251	0.17
749	+ 13 345	9.2	....	9	80.03	75.0	4 22.11	2	3.2443	+0.0147	0.006	+13 59 35.1	1	17.173	0.252	0.18
750	+ 20 342	9.5	10	...	76.94	75.0	4 22.13	1	3.3276	+0.0186	0.006	+20 17 55.6	1	17.173	0.258	0.20
751	+ 14 353	9.5	10	9.5	79.84	75.0	4 22.21	1	3.2496	+0.0149	0.006	+14 24 36.9	1	17.173	0.252	0.18
752	+ 11 291	9.0	....	9	74.86	75.0	4 47.49	3	3.2106	+0.0132	0.006	+11 17 42.9	2	17.154	0.250	0.17
753	+ 2 346	7.4	7.3	7.2	68.92	68.0	5 14.15	3	3.1070	+0.0090	0.006	+ 2 51 45.4	3	17.134	0.243	0.15
754	+ 15 315	9.2	9	9	79.97	75.0	5 47.65	1	3.2619	+0.0154	0.006	+15 12 33.6	1	17.108	0.255	0.18
755	+ 2 347	7.3	8.5	6.7	83.98	80.0	5 47.66	2	3.0985	+0.0086	0.006	+ 2 9 22.8	2	17.108	0.243	0.17
756	+ 9 280	8.4	....	8-9	67.8	67.0	5 49.95	3	3.1920	+0.0123	0.006	+ 9 44 27.2	3	17.107	0.250	0.17
757	» »	»	8.4	8.4	79.8	79.0	50.27	5	»	»	»	28.2	3	»	»	»
758	+ 43 451	8.8	....	8.8	?	77.0	6 27.28	1	3.7489	+0.0428	0.013	+43 59 46.4	1	17.078	0.294	0.25
759	+ 18 282	9.4	9.4	...	84.02	80.0	6 53.27	2	3.3115	+0.0176	0.006	+18 48 6.8	1	17.058	0.261	0.18
760	» »	»	....	...	80.99	80.0	53.43	..	»	»	»	8.3	..	»	»	»



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
721	81 69	Berlin, Tietjen	Paris Cat, 2617	20 <sup>s</sup> .86	40'' 2	* <sub>1</sub> Arietis. Berl. A.G.Z. 24, 28, 403; 34 <sup>s</sup> .47, 4'' 3; 5 <sup>m</sup> .5. Kremsmünster getrennt von Pola.
722	97 325	Pola, J. Palisa	B. D. 277	30.6	50' 7	
723	98 253	Kremsmünster	.....	.....	.....	
724	95 293	Pola, J. Palisa	Greenw. 10 Y. Cat. 325	34.43	4'' 5	
725	97 331	Kremsmünster	Yarnall 981	45.18	52.5	
726	97 325	Pola, J. Palisa	M <sub>1</sub> 862	44.96	56.2	
727	88 19	Berlin, Becker	B. D. 326	53.2	6' 9	
728	88 19	Berlin, Becker	B. D. 326	32.4	48.7	
729	86 107	Hamburg, Lindstedt	B. D. 291	56.4	1.4	
730	111 167	Berlin, Knorre	B. D. 264	17.8	39.3	
731	101 201	Kremsmünster	.....	.....	.....	Kremsmünster getrennt von Pola.
732	78 142	Madras	Albany A. G. C. 598	25.73	39'' 2	
733	70 199	Berlin, Bruhns	Santini, 146	56.42	44.9	
734	85 297	Wien	A. N. 85 297 mikr. Anschluss	5.43	8.6	
735	88 19	Berlin, Becker	Weisse, 1482 B. Z. 394	30.68	19.9	
736	92 245	Pola, J. Palisa	A. N. 81 343 mikr. Anschluss	34.88	12.9	
737	92 245	Pola, J. Palisa	Paris Cat, 2668	46.75	17.9	
738	97 325	Pola, J. Palisa	B. D. 339	11.3	26' 0	
739	97 331	Kremsmünster	.....	.....	.....	
740	97 325	Pola, J. Palisa	B. D. 340	12.9	23.4	
741	98 253	Kremsmünster	.....	.....	.....	Dupl. seq. Σ 224 seq. bor. Siehe Noten. Bloss in A. R. scharf bestimmt
742	97 325	Pola, J. Palisa	Paris Cat, 2682	28.10	50'' 5	
7 3	111 167	Berlin, Knorre	Weisse, 36 B. Z. 394	5.39	37.6	
744	88 19	Berlin, Becker	B. D. 343	5.1	8' 4	
745	97 325	Pola, J. Palisa	Pulk. Obs. Vol. VIII pag. 324 [Nr. 203]	5.97	41'' 7	
746	88 19	Berlin, Knorre	A. N. 85, 297 mikr. Anschluss	12.38	61.7	
747	85 297	Wien	.....	.....	.....	
748	97 325	Pola, J. Palisa	B. D. 344	17.1	46' 1	
749	97 327, 102 288	Pola, J. Palisa	Weisse, 24 B. Z. 32	22.18	38'' 5	
750	91 189	Pola, J. Palisa	A. N. 81, 343 mikr. Anschluss	22.44	58.8	
751	97 327, 111 293	Pola, J. Palisa	B. D. 353	20.8	24' 1	Bonn A. G. C. 1907, 27 <sup>s</sup> .22, 44'' 8; 9 <sup>m</sup> .0. Briefliche Mittheilung. A. N. Decl. um + 17''.1 corrigirt; siehe Noten.
752	86 107	Hamburg, Lindstedt	M <sub>1</sub> 875	47.30	44'' 5	
753	78 142	Madras	Albany A. G. C. 612	14.23	47.0	
754	97 327	Pola, J. Palisa	A. N. 105, 384 mikr. Anschluss	47.48	34.5	
755	111 167 u. 222	Berlin, Knorre	Albany A. G. C. 616	47.69	22.5	
756	74 247	Königsberg, Lorek	Weisse, 57 B. Z. 31	50.29	31.8	
757	100 249	Königsberg, Rahts	Pulkowa Obs. Vol. VIII p. 324 [Nr. 208]	50.28	28.1	
758	89 216	Marseille, Stephan	B. B. VI 451	26.88	44.6	
759	111 167	Berlin, Knorre	Berlin Mer. Battermann	53.33	6.7	
760	101 201	Kremsmünster	Leiden, E. Bakhuyzen	53.23	7.4	

NUM- MER.	NUMMER. der nördl. u. süd. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800 +												
761	+ 32° 404	8.3	....	8.3	65.97	65.0	2 <sup>h</sup> 7 <sup>m</sup> 8 <sup>s</sup> 46	2	+ 3 <sup>s</sup> .5157	+0 <sup>s</sup> .0281	+0 <sup>s</sup> .007	+32°11' 50"3	2	17"047	—0"277	— 0"22	
762	+ 13 356	9.2	9	9.2	79.78	75.0	7 22.64	1	3.2490	+0.0147	0.006	+14 3 49.1	1	17.036	0.257	0.18	
763	+ 9 285	9.3	....	9.3	78.85	76.0	7 23.14	4	3.1906	+0.0124	0.006	+ 9 31 31.4	4	17.035	0.253	0.17	
764	+ 2 351	9.0	9.4	9.0	68.89	68.0	7 24.50	2	3.1085	+0.0090	0.006	+ 2 56 13.9	2	17.034	0.246	0.15	
765	+ 7 351	8.8	9	9	75.05	80.0	7 34.08	2	3.1646	+0.0112	0.006	+ 7 27 3.9	2	17.027	0.251	0.16	
766	.....	...	10	10½	79.98	75.0	7 48.90	2	3.2630	+0.0153	0.006	+15 5 2.9	2	17.016	0.259	0.18	
767	+ 47 590	6.7	....	7	65.83	65.0	7 53.89	2	3.8376	+0.0484	0.015	+47 13 49.4	2	17.012	0.303	0.28	
768	.....	...	9	9	84.8	84.0	8 14.17	2	2.1280	—0.0048	0.009	—53 4 19.9	2	16.996	0.172	0.06	
769	+ 11 305	8.9	....	8-9	74.87	75.0	8 16.13	2	3 2186	+0.0134	0.006	+11 39 14.1	2	16.994	0.256	0.17	
770	+ 44 450	9.1	....	9.1	65.42	65.0	8 44.44	2	3.7791	+0.0441	0.013	+44 47 16.4	2	16.973	0.301	0.25	
771	+ 14 375	9.5	....	...	71.91	71.0	8 55.97	3	3.2594	+0.0151	0.006	+14 42 13.4	2	16.964	0.261	0.18	
772	+ 10 306	8.2	8.2	8-9	79.7	79.0	9 11.03	5	3.2082	+0.0129	0.006	+10 46 41.7	4	16.952	0.257	0.17	
773	+ 11 309	8.0	8.9	8	74.02	70.0	9 42.04	2	3.2221	+0.0135	0.006	+11 48 18.4	2	16.928	0.259	0.17	
774	+ 47 604	7.2	....	7-8	64.89	65.0	10 5.42	2	3.8585	+0.0491	0.015	+47 34 6.2	2	16.909	0.310	0.28	
775	+ 16 266	8.5	8.5	9	84.00	80.0	10 11.67	1	3.2885	+0.0163	0.005	+16 44 6.9	1	16.904	0.265	0.17	
776	+ 44 456	8.3	....	8-9	64.93	65.0	10 13.36	2	3.7825	+0.0438	0.013	+44 37 50.9	2	16.903	0.304	0.25	
777	+ 56 522	6.8	7	6.7	69.76	69.0	10 18.56	1	4.1621	+0.0725	0.029	+56 33 21.7	1	16.899	0.334	0.35	
778	» »	»	6.9	6	68.30	68.0	18.62	3	»	»	»	22.7	3	»	»	»	
779	+ 56 530	6.7	7	6.4	67.95	68.0	10 27.69	2	4.1647	+0.0726	0.029	+56 35 25.3	2	16.892	0.334	0.35	
780	+ 9 299	8.8	8.3	...	69.80	69.0	11 6.18	2	3.1984	+0.0125	0.005	+ 9 53 11.0	2	16.861	0.260	0.16	
781	+ 15 325	9.5	9-10	9.5	79.95	75.0	11 34.40	2	3.2708	+0.0155	0.005	+15 17 41.8	2	16.839	0.266	0.17	
782	.....	...	....	...	79.8	79.0	11 37.14	..	3.2025	+0.0127	0.005	+10 10 12.8	..	16.837	0.261	0.16	
783	.....	...	9.5	...	84.00	80.0	37.26	2	»	»	»	11.2	2	»	»	»	
784	+ 11 315	8.7	....	8.7	81.01	80.0	12 14.05	3	3.2222	+0.0134	0.005	+11 36 58.5	3	16.808	0.263	0.16	
785	» »	»	8.7	...	79.8	79.0	14.26	3	»	»	»	61.5	3	»	»	»	
786	+ 16 271	8.8	....	9	83.7	83.0	12 20.63	..	3.2963	+0.0165	0.005	+17 3 59.8	..	16.803	0.269	0.18	
787	+ 11 319	9.5	9.5	9.5	73.88	70.0	12 57.03	3	3.2276	+0.0136	0.005	+11 58 3.3	3	16.773	0.265	0.16	
788	+ 56 568	6.7	7	6.6	69.76	69.0	13 6.12	1	4.1876	+0.0729	0.029	+56 40 6.0	1	16.766	0.342	0.35	
789	» »	»	6	7	70.38	70.0	6.17	3	»	»	»	5.4	3	»	»	»	
790	» »	»	7	6.2	68.19	68.0	6.32	6	»	»	»	6.2	6	»	»	»	
791	+ 15 327	8.9	8.9	9	83.98	80.0	13 6.14	2	3.2779	+0.0157	0.005	+15 39 34.6	2	16.766	0.269	0.17	
792	» »	»	....	...	78.84	77.0	6.34	5	»	»	»	37.2	5	»	»	»	
793	+ 56 591	7.5	8.0	7.7	68.71	68.0	14 3.36	2	4.1948	+0.0730	0.028	+56 40 19.6	2	16.720	0.345	0.36	
794	+ 17 346	8.8	....	8.8	72.90	70.0	14 11.36	2	3.3124	+0.0171	0.005	+18 0 36.4	2	16.714	0.274	0.18	
795	+ 0 388	9.3	9.0	...	70.89	70.0	14 37.40	2	3.0858	+0.0083	0.005	+ 1 3 2.4	2	16.693	0.256	0.14	
796	+ 14 383	7.6	....	8-9	79.8	79.0	14 56.99	..	3.2705	+0.0153	0.005	+14 56 46.4	..	16.677	0.272	0.17	
797	» »	»	....	7.6	80.00	75.0	57.02	2	»	»	»	46.7	2	»	»	»	
798	» »	»	....	8-9	79.92	80.0	57.03	2	»	»	»	44.5	2	»	»	»	
799	.....	..	....	9	84.7	84.0	14 57.91	1	2.0587	—0.0032	0.009	—53 46 18.1	1	16.676	0.174	0.06	
800	+ 15 329	8.0	....	8-9	71.89	71.0	14 58.71	3	3.2795	+0 0157	0.005	+15 35 21.5	3	16.675	0.273	0.17	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
761	69 68	Berlin, Romberg	Leiden A. G. Z. 141 u. 233	8 <sup>s</sup> 35	46 <sup>m</sup> 18	Weisse, 132 B. Z. 534, 8 <sup>s</sup> .31, 47 <sup>m</sup> .3; 9 <sup>m</sup> .
762	97 327	Pola, J. Palisa	B. D. 316	23.2	3' 3	
763	84 289	Kremsmünster	B. D. 285	20.5	31.9	
764	78 142	Madras	Albany A. G. C. 625	24.57	14 <sup>m</sup> 6	
765	88 19	Berlin, Knorre	Weisse, 81 B. Z. 118 u. 138	34.19	7.2	
766	97 327, 105 383	Pola, J. Palisa	Markree Cat. Vol. II p. 132	49.6	4' 9	
767	69 68	Berlin, Romberg	Paris Cat, 2778	53.56	46 <sup>m</sup> 6	
768	112 144	Cap	Cordoba G. C. 2254	14.10	20.9	
769	86 107	Hamburg, Lindstedt	Weisse, 96 B. Z. 126	16.31	13.6	
770	69 68	Berlin, Romberg	B. D. 450	42.6	47' 2	
771	79 137, 111 293	Leiden, Valentiner	A. N. 69 103 mikr. Anschluss	55.96	18 <sup>m</sup> 1	Siehe Noten. A. N. in $\delta$ — 1' corr. bestätigt durch Armagh Cat. II 294 Bonn A. G. C. 1955, 5 <sup>s</sup> .31, 6 <sup>m</sup> .9; 7 <sup>m</sup> .5. [5 <sup>s</sup> .12, 7 <sup>m</sup> .6. Bonn A. G. C. 1959, 13 <sup>s</sup> .18, 49 <sup>m</sup> .7; 8 <sup>m</sup> .5. Weisse Positio emendata pag. 289. Dunsink Cat. of red stars, Nr. 18, 13 <sup>s</sup> .10, 48 <sup>m</sup> .9. E. B. 0 <sup>s</sup> .000 — 0 <sup>m</sup> .012 nach Helsingf. A. G. C
772	100 249	Königsberg, Rahts	Paris Cat, 2814	11.07	38.7	
773	84 227, 86 85	Berlin, Knorre	Paris Cat, 2820	42.18	18.2	
774	69 68	Berlin, Romberg	Paris Cat, 2828	5.24	7.3	
775	111 167	Berlin, Knorre	Paris Cat, 2833	11.57	7.6	
776	69 68	Berlin, Romberg	Weisse, 173 B. Z. 531	13.17	47.1	
777	76 43	Leipzig, Engelmann	Helsingfors A. G. C. 2088	18.47	21.4	
778	78 367	Leipzig, Engelmann	Radcliffe Cat. I 665	18.75	22.6	
779	78 367	Leipzig, Engelmann	Helsingfors A. G. C. 2093	27.63	24.3	
780	76 43	Leipzig, Engelmann	A. N. 71 280 mikr. Anschluss	6.27	12.1	
781	97 327	Pola, J. Palisa	B. D. 325	34.6	16.9	Stern schwach, Beob. unsicher. A. N. Decl. + 1' corrigirt, cf. Publ. XVIII A. G. Die Epoche der Pos. in A. N. ist 1883.0 statt 1882.0 S. Noten. E. B. — 0 <sup>s</sup> .0037 + 0 <sup>m</sup> .02 nach Helsingf. A. G. C.
782	98 253	Kremsmünster	Berl. Circ. 122 mikr. Anschl.	37.24	11 <sup>m</sup> 3	
783	111 167	Berlin, Knorre	.....	.....	.....	
784	111 50	Hamburg, Schrader	B. D. 315	15.2	37.1	
785	100 249	Königsberg, Rahts	.....	.....	.....	
786	107 323	Washington	Weisse, 262 B. Z. 394	20.62	58 <sup>m</sup> 3	
787	84 227 86 85	Berlin, Knorre	B. D. 319	57.0	59.0	
788	76 43	Leipzig, Engelmann	Helsingfors A. G. C. 2150	6.18	5 <sup>m</sup> 9	
789	79 73	Leipzig, Engelmann	Brüssel Cat. 897	6.34	5.9	
790	78 367	Leipzig, Engelmann	Radcliffe Cat I 686	6.35	6.8	
791	111 167	Berlin, Knorre	Weisse, 283 B. Z. 394	6.58	34.0	Weisse — 10 <sup>m</sup> .0 zu corrigiren B. Z. ist richtig. Harvard Zones 147 u. 148 Nr. 158, 37 <sup>s</sup> .42, 0 <sup>m</sup> .6; 11-12 <sup>m</sup> .
792	84 297	Kremsmünster	.....	.....	.....	
793	78 367	Leipzig, Engelmann	Helsingfors A. G. C. 2175	3.47	19.2	
794	84 241	Berlin	B. D. 346	11.6	0.3	
795	79 73	Leipzig, Engelmann	Göttingen Cat. II 496	37.20	57 <sup>m</sup> 1	
796	97 333	Kremsmünster	Paris Cat, 2924	57.14	47.0	
797	97 327	Pola, J. Palisa	Küstner 96	57.02	46.1	
798	111 50	Hamburg, Schrader	Weisse, 211 B. Z. 32	57.18	46.7	
799	112 144	Cap	Cordoba Z. C. 394	58.04	17.8	
800	79 137	Leiden, Valentiner	Paris Cat, 2925	58.73	22.5	

NUM- MER.	NUMMER der nördl. u. sudl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied.
1800 +																
801	+ 15° 331	8.1	....	8	72.84	70.0	2 <sup>h</sup> 15 <sup>m</sup> 9 <sup>s</sup> 24	1	+ 3 <sup>s</sup> 2773	+0 <sup>s</sup> 0156	+0 <sup>s</sup> 005	+15° 25' 18" 8	1	16" 667	-0" 273	- 0" 19
802	+ 12 321	9.0	9.0	9	79.8	79.0	15 25.73	3	3.2389	+0.0140	0.004	+12 36 36.1	3	16.654	0.270	0.17
803	+ 32 430	9.0	....	9.0	63.82	65.0	15 37.96	3	3.5466	+0.0284	0.007	+32 27 19.4	3	16.644	0.295	0.22
804	+ 16 281	7.0	7.0	7	84.00	80.0	15 40.29	1	3.2904	+0.0161	0.005	+16 17 55.2	1	16.642	0.275	0.18
805	+ 16 283	7.3	....	8	83.7	83.0	16 5.81	..	3.3013	+0.0165	0.005	+17 1 35.5	..	16.621	0.277	0.18
806	+ 25 392	9.0	9.0	8.9	68.8	68.0	16 9.91	2	3.4255	+0.0221	0.006	+25 16 1.8	2	16.618	0.287	0.20
807	+ 14 389	8.8	8.9	9	67.87	65.0	16 28.47	2	3.2710	+0.0152	0.004	+14 50 30.2	2	16.602	0.275	0.18
808	- 14 440	8.5	9.0	9	69.8	69.0	16 28.81	2	2.8854	+0.0026	0.006	-13 59 19.1	2	16.602	0.243	0.13
809	+ 4 389	9.5	....	9.5	82.7	82.0	17 5.02	2	3.1344	+0.0099	0.005	+ 4 42 59.2	2	16.572	0.264	0.15
810	.....	...	10.0	...	84.00	80.0	17 48.06	2	3.2960	+0.0162	0.005	+16 28 56.3	2	16.537	0.279	0.18
811	+ 12 326	8.6	9	9	74.02	70.0	18 8.83	2	3.2482	+0.0142	0.004	+13 4 12.6	2	16.520	0.275	0.16
812	- 13 440	7.0	7.7	7	69.80	69.0	18 27.75	2	2.8849	+0.0027	0.006	-13 51 35.0	2	16.504	0.246	0.13
813	+ 13 388	8.8	....	8.8	79.8	79.0	18 31.44	1	3.2606	+0.0147	0.004	+13 55 14.3	1	16.501	0.277	0.16
814	+ 13 389	8.6	....	9	78.01	75.0	18 38.70	1	3.2615	+0.0148	0.004	+13 58 42.3	1	16.495	0.277	0.16
815	» »	»	....	...	80.02	75.0	38.74	1	»	»	»	43.5	1	»	»	»
816	» »	»	....	...	79.87	80.0	38.77	2	»	»	»	43.6	3	»	»	»
817	+ 9 318	7.6	8.9	7	68.00	65.0	18 59.79	2	3.2058	+0.0126	0.006	+ 9 56 25.0	2	16.478	0.273	0.17
818	+ 14 403	9.5	10	9.5	79.88	75.0	20 21.80	3	3.2670	+0.0149	0.004	+14 12 58.9	2	16.409	0.281	0.17
819	+ 16 293	6.8	7.5	7.4	80.94	75.0	20 38.94	3	3.2942	+0.0160	0.004	+16 4 55.0	4	16.395	0.283	0.17
820	+ 9 323	7.3	7.5	8	75.47	80.0	20 44.59	2	3.2031	+0.0125	0.004	+ 9 38 32.7	2	16.390	0.276	0.16
821	+ 15 339	9.0	....	9	74.87	75.0	20 54.89	3	3.2870	+0.0157	0.004	+15 33 43.5	2	16.381	0.283	0.17
822	» »	»	9	...	75.03	80.0	55.03	2	»	»	»	44.9	2	»	»	»
823	- 3 383	8.8	9.3	9-10	69.76	69.0	20 57.62	1	3.0207	+0.0065	0.005	- 3 49 31.8	1	16.379	0.261	0.14
824	.....	...	10	10	79.88	75.0	21 1.21	2	3.2846	+0.0156	0.004	+15 23 3.5	2	16.376	0.283	0.17
825	.....	...	9½	9½	84.7	84.0	21 11.47	2	1.9378	-0.0008	0.007	-55 44 43.6	2	16.368	0.170	0.05
826	.....	...	10	10	77.94	75.0	21 19.90	1	3.2616	+0.0146	0.004	+13 45 38.9	1	16.360	0.282	0.17
827	+ 15 340	9.4	9.4	9.4	74.02	70.0	21 38.25	2	3.2889	+0.0157	0.004	+15 37 33.8	2	16.345	0.285	0.17
828	» »	»	9.2	...	73.96	73.0	38.29	2	»	»	»	34.3	2	»	»	»
829	+ 18 312	9.0	9.0	9.0	73.90	73.0	21 46.85	1	3.3361	+0.0176	0.005	+18 47 50.1	1	16.337	0.289	0.18
830	» »	»	....	...	77.06	75.0	47.06	3	»	»	»	52.7	3	»	»	»
831	+ 32 450	8.8	....	8.8	63.89	65.0	22 3.85	2	3.5692	+0.0284	0.006	+32 36 48.5	2	16.323	0.309	0.21
832	+ 13 396	9.5	9-10	9.5	77.97	75.0	22 12.55	2	3.2638	+0.0147	0.004	+13 50 36.8	2	16.316	0.284	0.17
833	.....	...	....	...	78.92	76.0	22 32.10	3	3.3322	+0.0174	0.005	+18 27 31.7	3	16.299	0.290	0.18
834	.....	...	9.5	...	84.02	80.0	32.31	2	»	»	»	27.2	2	»	»	»
835	+ 14 410	8.9	....	8.9	71.81	71.0	23 1.18	1	3.2790	+0.0152	0.004	+14 49 14.8	1	16.274	0.286	0.17
836	+ 16 296	9.5	9.5	...	83.96	80.0	23 31.28	1	3.3107	+0.0165	0.004	+16 55 31.8	2	16.249	0.290	0.17
837	.....	...	....	9½	84.7	84.0	24 21.07	1	1.9073	-0.0001	0.006	-55 56 30.3	1	16.206	0.171	0.05
838	+ 14 416	9.2	....	9.2	71.80	71.0	24 24.06	2	3.2826	+0.0153	0.004	+14 57 4.3	2	16.204	0.289	0.17
839	+ 19 369	9.1	....	9.1	85.90	85.0	25 17.47	1	3.3469	+0.0178	0.005	+19 7 40.3	1	16.157	0.296	0.18
840	» »	»	....	...	64.43	65.0	17.90	2	»	»	»	43.0	2	»	»	»

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT, UND BEOBACHTER.	N A M E N DER VERGlichenEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
801	81 69, 97 333 u. 111 293	Berlin, Tietjen	Paris Cat, 2930	9 <sup>s</sup> 21	19 <sup>"</sup> 4	A.N. 97 und 111 A.R. 0. <sup>802</sup> kleiner.  Die Epoche der Pos. in den A.N. soll 1883.0 statt 1882.0 [heissen. Duplex seq. in A.N. Siehe Noten.
802	100 249	Königsberg, Rahts	M, 918	25.68	34.1	
803	69 68	Berlin, Romberg	Leiden, A.G.Z. 325 u. 396	37.85	18.1	
804	111 167	Berlin, Knorre	Paris Cat, 2942	40.25	56.2	
805	107 323	Washington	Weisse, 356 B.Z. 332	5.82	35.0	
806	74 75	Washington	B.B. VI 392	10.32	2.6	
807	72 113	Berlin, Romberg	Weisse, 238 B.Z. 32	28.30	19.2	
808	75 199, 76 43	Leipzig, Engelmann	Paris Cat, 2960	28.69	20.3	
809	105 243	Bonn, Scheiner	B. D. 389	5.9	42 <sup>'</sup> 3	
810	111 167	Berlin, Knorre	A. N. 88, 43 mikr. Anschluss	47.98	57 <sup>"</sup> 7	
811	84 227	Berlin, Knorre	Brüssel Cat. 932	8.81	13.5	Pola verbunden mit Weisse, 277 B.Z. 32, 31 <sup>s</sup> .51, 14 <sup>"</sup> .1; 9 <sup>m</sup> .  Getrennt von Melbourne und Wash. Obs. 1875. E.B. { —0 <sup>s</sup> .020, —0 <sup>"</sup> .19 nach Porter Prop. Mot. Nr. 171. { —0.0194, —0.218 » Paris Cat. 3042. { —0.0198, —0.192 » Stumpe A.N. 125 398.
812	75 200, 76 43	Leipzig, Engelmann	Paris Cat, 2999	27.75	35.5	
813	102 285	Pola, J. Palisa	Küstner 103	31.13	15.1	
814	92 245	Pola, J. Palisa	Weisse, 281 B.Z. 32	38.93	45.6	
815	97 327 u. 333	Pola, J. Palisa	.....	.....	.....	
816	111 50	Hamburg, Schrader	.....	.....	.....	
817	72 113	Berlin, Romberg	Paris Cat, 3015	59.59	24.6	
818	97 327	Pola, J. Palisa	B.D. 403	20.8	11 <sup>'</sup> 7	
819	110 293	Leiden, Bakhuyzen   Stieltjes, Wilterdink	Melbourne Cat. II 142	38.86	55 <sup>"</sup> 7	
820	88 19	Berl., Becker u. Knorre	Schjellerup 692	44.90	37.3	
821	86 107, 86 85 u. 97 333	Hamburg, Lindstedt	Weisse, 475 B.Z. 394	55.52	44.2	A.N. in A.R. — 1 <sup>m</sup> corrigirt cf. Publ. XVIII A.G. Siehe Noten.  Siehe Noten.
822	88 19	Berlin, Knorre	.....	.....	.....	
823	76 43	Leipzig, Engelmann	Weisse, 321 B.Z. 128	57.78	30.2	
824	97 327	Pola, J. Palisa	Pulkowa mikrom. Anschluss	1.3	23 <sup>'</sup> 2	
825	112 144	Cap	Cordoba G. C. 2539	11.42	52 <sup>"</sup> 1	
826	92 245	Pola, J. Palisa	Pariser Karte Nr. 8	19..	45 <sup>'</sup> ..	
827	84 227	Berlin, Knorre	B.D. 340	38.4	36.7	
828	84 177	Leipzig, Engelmann	.....	.....	.....	
829	83 135	Wien, Holetschek	B.D. 312	47.6	47.6	
830	91 189	Pola, J. Palisa	.....	.....	.....	
831	69 68	Berlin, Romberg	Leiden A.G.Z. 141 u. 233	3.76	48 <sup>"</sup> 9	Controlestern. A.N. + 20 <sup>s</sup> corrigirt cf. Publ. XVIII A.G. bestätigt von [Dr. Knorre.
832	92 245	Pola, J. Palisa	B. D. 396	12.8	50 <sup>'</sup> 2	
833	94 307	Kremsmünster	A.N. 88 43 mikr. Anschluss	32.51	26 <sup>"</sup> 9	
834	111 167	Berlin, Knorre	.....	.....	.....	
835	79 137	Leiden, Valentiner	B. D. 410	2.4	49 <sup>'</sup> 0	
836	111 167	Berlin, Knorre	A.N. 94, 297 mikr. Anschluss	31.12	29 <sup>"</sup> 1	
837	112 144	Cap	Cordoba Z. C. 651	20.93	31.5	
838	79 137 und 147	Leiden, Valentiner	B. D. 416	24.5	56 <sup>'</sup> 8	
839	Publ. VIII der A.G. pag. 46	Pulkowa, Romberg	B. D. 369	17.4	8.0	
840	69 68	Berlin, Romberg	.....	.....	.....	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.			
		NACH			DER				1875.0					1875.0			
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
					1800 +												
841	-- 1° 353	5.6	5.5	5.8	66.80	66.0	2h 25m 47s 82	3	+ 3s 0502	+0s 0075	+0s 005	-- 1° 35' 16" 8	3	16" 131	-- 0" 271	-- 0" 14	
842	+ 14 421	8.7	....	8.7	74.87	75.0	26 40.36	3	3.2867	+0.0154	0.004	+15 1 59.3	2	16.086	0.293	0.17	
843	" "	"	9.5	...	75.05	80.0	40.36	2	"	"	"	58.5	2	"	"	"	
844	+ 15 349	9.2	....	9.2	74.93	75.0	26 57.94	2	3.3010	+0.0159	0.004	+15 57 32.7	2	16.070	0.295	0.17	
845	" "	"	9.5	...	75.48	80.0	58.02	2	"	"	"	32.1	2	"	"	"	
846	" "	"	9.2	...	79.8	79.0	58.08	6	"	"	"	34.9	6	"	"	"	
847	.....	...	....	6.4	77.43	75.0	27 5.78	4	2.4695	--0.0016	0.008	--36 58 53.0	4	16.064	0.222	0.08	
848	+ 4 413	9.4	....	9.4	70.98	70.0	27 14.11	2	3.1379	+0.0101	0.004	+ 4 41 8.2	2	16.056	0.281	0.15	
849	+ 14 424	9.5	....	9.5	75.02	75.0	28 4.70	3	3.2855	+0.0152	0.004	+14 50 25.5	3	16.012	0.295	0.17	
850	+ 13 408	8.8	....	9	77.94	75.0	28 14.54	1	3.2731	+0.0148	0.004	+14 0 3.9	1	16.003	0.294	0.17	
851	+ 17 398	9.5	....	9.5	77.9	77.0	28 29.21	2	3.3204	+0.0165	0.004	+17 5 36.3	2	15.990	0.299	0.17	
852	.....	...	7	7½	77.06	75.0	28 30.34	1	2.4427	--0.0026	0.007	--37 57 29.8	1	15.989	0.222	0.08	
853	+ 34 473	9.1	....	9.1	?	77.0	28 43.42	1	3.6367	+0.0306	0.005	+34 56 12.4	1	15.978	0.327	0.23	
854	+ 15 354	8.1	9.4	8-9	73.93	70.0	28 46.38	2	3.3050	+0.0159	0.004	+16 3 48.9	2	15.975	0.298	0.17	
855	+ 16 310	9.4	9.2	...	83.98	80.0	29 13.97	2	3.3208	+0.0165	0.004	+17 3 16.6	2	15.951	0.300	0.17	
856	+ 4 418	5.3	....	4.9	71.00	70.0	29 18.91	2	3.1438	+0.0103	0.004	+ 5 2 48.7	2	15.946	0.285	0.17	
857	" "	"	....	5.4	65.9	65.0	19.07	2	"	"	"	48.9	2	"	"	"	
858	.....	...	8½	8.8	84.7	84.0	29 26.72	2	1.8298	+0.0018	0.003	--56 52 3.4	2	15.940	0.169	0.05	
859	+ 17 403	8.9	8.9	9	79.8	79.0	29 51.23	3	3.3269	+0.0167	0.004	+17 23 8.1	3	15.918	0.302	0.17	
860	-- 11 487	10	....	10	?	77.0	30 2.23	1	2.9065	+0.0039	0.005	--11 30 39.1	1	15.908	0.265	0.15	
861	+ 5 374	7.1	....	7	70.98	70.0	33 40.12	2	3.1533	+0.0106	0.004	+ 5 34 22.2	2	15.712	0.292	0.15	
862	" "	"	8.0	9	72.09	72.0	40.31	1	"	"	"	23.1	1	"	"	"	
863	" "	"	7.5	6.3	70.90	70.0	40.37	1	"	"	"	24.1	1	"	"	"	
864	" "	"	....	7	67.08	67.0	40.53	2	"	"	"	22.8	2	"	"	"	
865	" "	"	....	6.8	65.8	65.0	40.58	2	"	"	"	23.5	2	"	"	"	
866	.....	...	9.5	9.5	?	75.0	33 50.47	..	3.3318	+0.0166	0.004	+17 20 0.1	..	15.703	0.309	0.17	
867	.....	...	10	...	76.60	75.0	50.48	3	"	"	"	0.5	2	"	"	"	
868	+ 14 445	9.5	10	9.5	77.87	75.0	34 12.83	2	3.2921	+0.0152	0.004	+14 47 1.5	2	15.683	0.306	0.17	
869	+ 15 372	8.6	9	9	75.87	80.0	34 25.32	1	3.3036	+0.0156	0.004	+15 30 10.6	1	15.671	0.307	0.17	
870	+ 15 373	9.5	9.5	9.5	73.93	70.0	34 32.37	4.	3.2996	+0.0154	0.004	+15 14 16.7	4	15.665	0.307	0.17	
871	+ 5 377	8.0	....	7-8	70.98	70.0	34 32.70	1	3.1531	+0.0106	0.004	+ 5 32 4.0	1	15.665	0.294	0.15	
872	" "	"	8.5	7.1	72.09	72.0	32.76	1	"	"	"	3.8	1	"	"	"	
873	" "	"	...	7-8	67.09	67.0	32.88	2	"	"	"	5.2	2	"	"	"	
874	" "	"	8.2	7-8	70.90	70.0	33.00	1	"	"	"	5.4	1	"	"	"	
875	+ 47 683	6.7	....	6	64.82	65.0	34 39.32	2	3.9912	+0.0488	0.009	+47 43 49.2	2	15.659	0.370	0.28	
876	+ 6 409	8.5	....	9	71.02	70.0	35 29.27	2	3.1655	+0.0109	0.004	+ 6 20 42.9	2	15.613	0.296	0.15	
877	+ 17 422	9.2	....	9.2	?	75.0	35 56.53	6	3.3353	+0.0166	0.003	+17 22 12.3	5	15.588	0.313	0.17	
878	+ 31 471	8.9	8.9	8.9	84.00	80.0	36 25.59	1	3.5935	+0.0272	0.004	+31 43 16.6	1	15.561	0.337	0.21	
879	+ 15 378	8.8	....	9.0	73.86	75.0	36 54.13	1	3.3079	+0.0156	0.004	+15 34 28.4	1	15.535	0.312	0.17	
880	" "	"	9	...	73.93	70.0	54.27	2	"	"	"	27.5	2	"	"	"	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
841	69 102, 70 165	Leipzig	Cordoba G. C. 2630	47 <sup>8</sup> 77	16 <sup>4</sup> 4	A. N. 70 Declin. 0 <sup>0</sup> .5 südlicher.
842	86 107 u. 87	Hamburg, Lindstedt	B. D. 421	40.2	1' 7	
843	88 19	Berlin, Knorre	.....	.....	.....	
844	86 107 u. 87	Hamburg, Lindstedt	B. D. 349	56.0	56.4	
845	88 19	Berl., Becker u. Knorre	.....	.....	.....	
846	100 249	Königsberg, Rahts	.....	.....	.....	
847	92 245	Pola, J. Palisa	Cordoba G. C. 2662	5.71	49 <sup>7</sup> 7	
848	77 264	Leiden, Valentiner	B. B. VI 413	13.96	12.1	
849	86 107	Hamburg, Lindstedt	Schjellerup 716	4.53	23.3	
850	92 245	Pola, J. Palisa	Weisse, 446 B. Z. 32	14.51	4.9	
851	94 233	Cambridge (M)	B. D. 398	27.3	5' 3	v Ceti E. B. nach Greenw. — 0 <sup>8</sup> .0051, — 0 <sup>0</sup> .028. Comes 10 <sup>m</sup> , 19 <sup>s</sup> .46, 47 <sup>6</sup> .6 Alb. A. G. C. 725.
852	91 189	Pola, J. Palisa	Cordoba G. C. 2697	30.23	27 <sup>2</sup> 2	
853	89 216	Marseille, Stephan	B. D. 473	43.4	56' 0	
854	84 227	Berlin, Knorre	Weisse, 667 B. Z. 394	46.67	46 <sup>2</sup> 2	
855	111 167	Berlin, Knorre	A. N. 94 297 mikr. Anschluss	13.80	20.7	
856	77 264	Leiden, Becker u. [Valentiner]	Greenw. 10 Y. Cat. 387	18.91	47.3	
857	69 364	Königsberg, Sievers	Albany A. G. C. 724	18.93	46.7	
858	112 144	Cap	Gill-Kapteyn Phot. D. M.	27.1	52' 1	
859	100 249	Königsberg, Rahts	Weisse, 695 B. Z. 394	51.46	1 <sup>8</sup> 8	
860	89 216	Marseille, Stephan	B. D. 487	2.6	30' 7	
861	77 264	Leiden, Valentiner	Santini, 154	40.32	20 <sup>9</sup> 9	A. N. Epoche der Position soll heissen 1867.0 statt 1866.0 Königsb. verbunden mit Pola. Epoche der Declin. 76.92, die 1 <sup>ste</sup> Beob. in $\delta$ ausgeschlossen. Siehe Noten.
862	81 364	Leipzig, Engelmann	Taylor 891	40.31	23.7	
863	79 73	Leipzig, Engelmann	Greenw. 10 Y. Cat. 398	40.31	22.6	
864	69 382	Leiden, v. Hennekeler	Brüssel 1041	40.24	22.7	
865	69 364	Königsberg, Sievers	Yarnall 1211	40.22	25.3	
866	95 337	Königsberg, Franz	Küstner 110	50.55	58.8	
867	91 189	Pola, J. Palisa	.....	.....	.....	
868	92 245	Pola, J. Palisa	B. D. 445	9.7	45' 2	
869	88 19	Berlin, Becker	Paris Cat, 3327	25.33	10 <sup>4</sup> 4	
870	84 227	Berlin, Knorre	B. D. 373	32.0	13' 9	
871	77 264	Leiden, Valentiner	Paris Cat, 3329	32.80	4 <sup>0</sup> 0	A. N. Declin. — 10' corrigirt, siehe Noten. Siehe Bemerkung zu Nr. 864. A. N. Declin. — 10' corrigirt; cf. Publ. XVIII der A. G. Bonn A. G. C. 2308, 39 <sup>s</sup> .10, 46 <sup>0</sup> 0; 6 <sup>m</sup> .9. Declin. in Z. 141 ausgeschlossen.
872	81 364	Leipzig, Engelmann	Yarnall 1220	32.77	3.9	
873	69 382	Leiden, Kam u. van [Hennekeler]	Rümker N. F. 1386	32.86	3.3	
874	79 73	Leipzig, Engelmann	Taylor 898	32.99	5.6	
875	69 68	Berlin, Romberg	Paris Cat, 3333	39.02	48.7	
876	77 264	Leiden, Becker	Schjellerup 754	29.19	43.6	
877	95 337	Königsberg, Franz	Küstner 112	56.71	12.3	
878	111 167	Berlin, Knorre	Leiden A. G. Z. 141 u. 264	25.64	16.2	
879	86 107 u. 87	Hamburg, Pechüle	M, 598	54.16	27.3	
880	84 227, 88 60	Berlin, Knorre	.....	.....	.....	

NUM- MER.	NUMMER. der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
881	+ 24° 388	9.5	9	9.5	77.06	75.0	2 <sup>h</sup> 37 <sup>m</sup> 18 <sup>s</sup> 65	1	+ 3.4618	+ 0.0214	+ 0.0004	+ 24° 43' 22" 8	1	15" 528	— 0" 326	— 0" 19
882	+ 14 454	8.5	8.5	8.5	83.98	80.0	37 6.91	2	3.2998	+ 0.0153	0.004	+ 15 2 50.9	2	15.523	0.311	0.17
883	" "	"	....	...	73.56	77.0	6.95	3	"	"	"	50.8	3	"	"	"
884	+ 16 340	9.5	9.5	9.5	74.04	70.0	37 9.26	2	3.3221	+ 0.0161	0.003	+ 16 26 32.7	2	15.521	0.313	0.17
885	+ 2 425	8.3	....	8.3	67.9	67.0	37 21.08	3	3.1061	+ 0.0092	0.003	+ 2 17 8.7	3	15.510	0.294	0.17
886	+ 14 457	6.0	....	6	78.93	75.0	37 39.88	2	3.2962	+ 0.0152	0.003	+ 14 46 54.6	2	15.493	0.312	0.17
887	+ 14 458	9.1	9.1	9.1	84.00	80.0	37 49.19	2	3.3008	+ 0.0153	0.003	+ 15 3 31.7	2	15.484	0.312	0.17
888	.....	...	....	8½	77.07	75.0	38 5.71	1	2.6576	+ 0.0003	0.006	— 25 58 54.3	1	15.469	0.253	0.10
889	+ 24 391	8.9	....	9	70.9	70.0	38 33.13	2	3.4584	+ 0.0212	0.004	+ 24 21 48..	..	15.444	0.328	0.19
890	.....	..	....	7½	77.55	75.0	38 41.20	3	2.6555	+ 0.0003	0.006	— 26 1 39.3	3	15.436	0.254	0.09
891	+ 15 381	9.2	9-10	9.2	77.87	75.0	38 44.46	2	3.3043	+ 0.0154	0.003	+ 15 12 31.5	2	15.433	0.314	0.17
892	+ 16 342	7.8	....	8	74.89	75.0	38 46.05	4	3.3250	+ 0.0161	0.003	+ 16 29 29.8	4	15.432	0.316	0.17
893	" "	"	9	8	75.08	80.0	46.13	2	"	"	"	31.8	2	"	"	"
894	+ 17 433	9.1	9.1	9.1	?	75.0	39 21.65	..	3.3456	+ 0.0168	0.003	+ 17 41 59.4	..	15.398	0.319	0.17
895	" "	"	9	9-10	76.59	75.0	21.77	3	"	"	"	57.8	3	"	"	"
896	+ 37 634	7.0	7.0	6.3	77.37	77.0	39 39.58	12	3.7249	+ 0.0329	0.003	+ 37 15 56.5	13	15.382	0.355	0.23
897	+ 15 383	9.5	....	9.5	77.86	75.0	40 13.01	2	3.3083	+ 0.0154	0.003	+ 15 20 27.5	2	15.350	0.317	0.17
898	+ 15 384	9.3	....	9.3	75.02	75.0	40 35.28	3	3.3161	+ 0.0157	0.003	+ 15 47 56.1	3	15.329	0.318	0.17
899	" "	"	9.5	...	75.02	80.0	35.42	1	"	"	"	58.2	1	"	"	"
900	+ 67 230	8.5	9.8	8.7	79.84	75.0	40 40.25	1	5.1332	+ 0.1352	0.056	+ 67 17 40.1	1	15.325	0.489	0.56
901	.....	...	9½	9.2	84.7	84.0	41 5.63	2	1.7050	+ 0.0049	0.001	— 57 42 6.9	2	15.301	0.167	0.04
902	+ 24 394	8.5	8.5	7.0	77.07	75.0	41 17.91	2	3.4715	+ 0.0214	0.003	+ 24 46 21.8	2	15.289	0.334	0.19
903	+ 24 396	6.0	....	6.5	70.9	70.0	41 29.99	3	3.4699	+ 0.0213	0.003	+ 24 39 54..	..	15.278	0.334	0.19
904	+ 47 709	7.6	....	8-9	64.81	65.0	41 40.58	2	4.0224	+ 0.0483	0.005	+ 47 37 32.0	2	15.268	0.387	0.28
905	+ 52 633	8.7	....	8.9	71.3	71.0	41 43.1.	..	4.1994	+ 0.0591	0.010	+ 52 25 45.9	..	15.265	0.404	0.32
906	" "	"	....	9	71.33	70.0	43.69	3	"	"	"	46.8	3	"	"	"
907	+ 6 428	8.2	....	8	70.98	70.0	41 47.68	2	3.1790	+ 0.0113	0.003	+ 7 0 53.3	2	15.261	0.307	0.15
908	+ 31 487	9.5	9-10	9.5	77.83	75.0	42 31.43	1	3.6114	+ 0.0271	0.003	+ 31 46 13.2	1	15.220	0.349	0.21
909	+ 68 202	9.0	9.0	9.0	84.00	80.0	42 32.17	2	5.2922	+ 0.1487	0.066	+ 68 35 5.2	2	15.219	0.509	0.60
910	+ 3 388	9.0	....	9.3	76.8	77.0	42 40.89	1	3.1337	+ 0.0100	0.003	+ 4 2 13.3	1	15.211	0.304	0.14
911	+ 13 454	9.2	....	9-10	67.48	65.0	42 41.65	2	3.2847	+ 0.0145	0.003	+ 13 42 6.0	2	15.210	0.318	0.17
912	+ 37 646	4.8	4.8	4.7	77.79	77.0	42 41.95	7	3.7482	+ 0.0333	0.003	+ 37 48 8.7	8	15.210	0.363	0.24
913	+ 19 426	9.2	....	9	80.7	80.0	42 46.43	1	3.3750	+ 0.0176	0.003	+ 19 9 16.8	1	15.205	0.327	0.16
914	.....	...	11	10.5	79.97	75.0	42 56.29	1	4.9964	+ 0.1200	0.042	+ 65 36 37.3	1	15.196	0.482	0.51
915	+ 24 400	8.1	8.0	7-8	73.92	73.0	42 57.19	2	3.4757	+ 0.0214	0.003	+ 24 48 51.0	2	15.195	0.337	0.19
916	" "	"	....	7.5	70.9	70.0	57.35	3	"	"	"	51..	..	"	"	"
917	+ 4 449	9.5	....	9.5	?	77.0	43 29.47	1	3.1350	+ 0.0100	0.003	+ 4 6 14.3	1	15.164	0.306	0.14
918	+ 65 304	8.9	9	8.5	80.02	75.0	43 36.32	1	5.0102	+ 0.1205	0.041	+ 65 41 26.6	1	15.158	0.485	0.52
919	+ 15 395	9.0	....	8.5	77.88	75.0	43 38.94	1	3.3102	+ 0.0153	0.003	+ 15 12 14.7	1	15.155	0.323	0.17
920	+ 7 436	8.5	....	9	70.98	70.0	44 32.90	2	3.1923	+ 0.0116	0.002	+ 7 46 19.1	2	15.103	0.313	0.16



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
881	91 189	Pola, J. Palisa	B. D. 388	57 <sup>s</sup> 7	43' 5	A.N. A. R. — 1 <sup>m</sup> corrigirt. Siehe Noten.
882	111 167	Berlin, Knorre	B. D. 454	6.9	1.8	
883	94 297	Kremsmünster	.....	.....	.....	
884	84 227	Berlin, Knorre	B. D. 340	8.9	24.7	
885	74 247	Königsberg, Lorek	Albany A. G. C. 764	20.98	8" 2	
886	94 291	Kremsmünster	Paris Cat, 3373	39.62	52.9	
887	111 167	Berlin, Knorre	B. D. 458	47.4	3' 0	
888	91 189	Pola, J. Palisa	Cordoba G. C. 2893	5.56	53" 6	
889	77 367	Durham, Plummer	Weisse, 904 B. Z. 530	33 30	48.4	
890	92 245	Pola, J. Palisa	Cordoba G. C. 2911	41.23	37.7	
891	92 245, 94 206 u. 297	Pola, J. Palisa	B. D. 381	46.2	11' 1	A.N. 94 206, Declin. 0".8 nördlicher.
892	86 107 u. 85	Hamburg, Lindstedt	Paris Cat, 3388	46.08	31" 5	
893	88 19	Berlin, Knorre	Lalande 5099	45.85	30.8	
894	95 337	Königsberg	Küstner 114	21.76	59.1	
895	91 189	Pola, J. Palisa	Weisse, 930 B. Z. 506	21.70	2.2	
896	95 11	Leiden, E. Bakhuyzen [und Kapteyn]	Yarnall 1246	39.56	57.4	
897	92 245	Pola, J. Palisa	B. D. 383	15.3	19' 9	
898	86 107	Hamburg, Lindstedt	B. D. 384	32.7	46.7	
899	88 19	Berlin, Knorre	.....	.....	.....	
900	97 327	Pola, J. Palisa	Christiania A. G. C. 498	40.27	39" 7	
901	112 144	Cap	Gill-Kapteyn Phot. D. M.	5.8	42' 0	Berlin A. G. Z. 22, 323, 337, 17 <sup>s</sup> .90, 22" 5; 8 <sup>m</sup> .0. Berlin A. G. Z. 22, 337, 345, 30 <sup>s</sup> .06, 54" 1; 5 <sup>m</sup> .9. Bonn A. G. C. 2415, 40 <sup>s</sup> 47, 32" 3; 7 <sup>m</sup> .7. A.N. A. R. — 10 <sup>s</sup> corrigirt; siehe Noten. Nicht in Pariser Cat.
902	91 189	Pola, J. Palisa	Yarnall 1251	17.92	22" 6	
903	77 367	Durham, Plummer	Yarnall 1253	29.92	54.8	
904	69 68	Berlin, Romberg	Arg.-Oeltzen 3200	40.38	35.1	
905	77 287	Berlin	Cambridge (M) A. G. C. 1295	43.84	47.2	
906	81 69	Berlin, Tietjen	Lalande 5161	43.12	46.9	
907	77 264	Leiden, Valentiner	Weisse, 697 B. Z. 118	47.96	58.0	
908	92 369	Pola, J. Palisa	B. D. 487	30.5	45' 6	
909	111 167 u. 221	Berlin, Knorre	Christiania A. G. C. 504	32.51	5" 6	
910	89 216	Marseille, Stephan	Albany A. G. C. 785	41.07	13.1	
911	69 68	Berlin, Romberg	Weisse, 713 B. Z. 141	41.73	3.3	E.B. { +0 <sup>s</sup> .0169 — 0' 077 nach Paris Cat. 3457. +0.0165 — 0.064 » Pulk. Ob. Vol. VIII p. 237 N. 404. +0.016 — 0.10 » Porter Pr. M. Nr. 193. +0.0165 — 0.062 » Stumpe A. N. 125, 398. Weisse u. B. Z. 1 <sup>s</sup> kleiner A. R. S. Noten. Siehe Noten. Berlin A. G. Z. 337, 403, 57 <sup>s</sup> .28, 50" 7; 7 <sup>m</sup> .5.
912	95 11	Leiden, E. Bakhuyzen [und Kapteyn]	Yarnall 1260	41.58	12.5	
913	98 371	Pola, J. Palisa	Weisse, 1015 B. Z. 391	45.38	18.9	
914	97 327	Pola, J. Palisa	Pulkowa mikrom. Anschluss	57.0	36' 6	
915	84 177, 86 87	Leipzig, Engelmann	Paris Cat, 3464	57.25	50" 1	
916	77 367	Durham, Plummer	Yarnall 1261	57.25	52.2	
917	89 216	Marseille, Stephan	B. D. 449	30.0	6' 5	
918	97 327	Pola, J. Palisa	Christiania A. G. C. 505	36.35	23" 5	
919	92 245	Pola, J. Palisa	Yarnall 1266	38.75	17.3	
920	77 265	Leiden, Valentiner	Schjellerup 794	33.07	21.3	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle	Beob.	Pos.										
					1800 +											
921	+ 7° 436	8.5	8.8	...	72.09	72.0	2 <sup>h</sup> 44 <sup>m</sup> 33 <sup>s</sup> 01	1	+ 3 <sup>s</sup> 1923	+ 0 <sup>s</sup> 01 16	+ 0 <sup>s</sup> 00 02	+ 7° 46' 19'' 4	1	15'' 103	- 0' 313	- 0'' 16
922	» »	»	....	8	67.06	67.0	33.17	2	»	»	»	18.7	2	»	»	»
923	» »	»	8.5	8	70.90	70.0	33.29	1	»	»	»	20.3	1	»	»	»
924	+ 24 405	8.9	8.6	9.0	73.97	73.0	44 56.07	2	3.4772	+ 0.0212	0.003	+ 24 40 59.9	2	15.082	0.340	0.18
925	+ 17 447	9.5	9.5	9.5	?	75.0	44 56.72	6	3.3555	+ 0.0167	0.002	+ 17 49 14.6	5	15.081	0.329	0.17
926	.....	...	9.5	9.5	75.07	70.0	45 1.62	2	3.2251	+ 0.0126	0.002	+ 9 50 11.7	2	15.076	0.316	0.16
927	.....	...	10-11	10	76.89	75.0	45 5.19	1	3.3695	+ 0.0172	0.002	+ 18 37 45.8	1	15.073	0.331	0.17
928	+ 15 398	9.5	....	9.5	77.87	75.0	45 18.10	1	3.3139	+ 0.0153	0.002	+ 15 18 21.4	1	15.060	0.325	0.17
929	+ 10 382	9.1	....	9.1	72.82	70.0	45 20.40	1	3.2324	+ 0.0128	0.002	+ 10 16 52.6	1	15.058	0.318	0.15
930	» »	»	10	...	70.7	70.0	20.49	..	»	»	»	51.2	..	»	»	»
931	+ 18 367	8.8	....	9	76.89	75.0	45 20.89	1	3.3698	+ 0.0172	0.002	+ 18 37 10.1	1	15.057	0.331	0.17
932	+ 9 368	9.3	....	9.3	72.9	72.0	45 21.79	2	3.2180	+ 0.0123	0.002	+ 9 22 14.9	2	15.057	0.316	0.16
933	» »	»	....	...	73.05	70.0	21.81	2	»	»	»	14.5	2	»	»	»
934	+ 19 430	8.8	....	9	78.00	75.0	45 42.05	1	3.3874	+ 0.0178	0.002	+ 19 36 36.5	1	15.037	0.333	0.17
935	» »	»	....	...	82.05	80.0	42.07	4	»	»	»	36.9	4	»	»	»
936	+ 37 655	6.0	6.0	6.0	77.24	77.0	45 49.66	9	3.7595	+ 0.0332	0.002	+ 37 49 35.8	10	15.030	0.369	0.24
937	+ 67 234	7.7	8	7.3	79.84	75.0	45 51.37	1	5.2273	+ 0.1383	0.053	+ 67 40 4.5	1	15.028	0.511	0.57
938	+ 16 366	9.5	....	9.5	73.88	70.0	46 20.80	3	3.3289	+ 0.0158	0.002	+ 16 7 51.5	3	15.000	0.329	0.17
939	+ 18 370	8.9	8.9	9	84.04	80.0	46 45.02	1	3.3632	+ 0.0169	0.002	+ 18 7 17.0	1	14.976	0.333	0.17
940	- 1 406	8.8	8.8	8.8	73.99	70.0	46 47.40	3	3.0448	+ 0.0077	0.003	- 1 46 13.8	3	14.974	0.302	0.14
941	- 5 536	7.3	7	7.7	74.8	74.0	46 59.73	3	2.9824	+ 0.0063	0.004	- 5 45 41.0	3	14.962	0.296	0.13
942	+ 19 432	6.8	6.8	7	84.00	80.0	47 11.56	2	3.3975	+ 0.0180	0.002	+ 20 3 15.8	2	14.950	0.337	0.18
943	.....	...	9.5	9.5	75.05	70.0	47 25.71	2	3.2267	+ 0.0125	0.002	+ 9 49 18.6	2	14.937	0.320	0.16
944	+ 30 463	9.0	....	9.0	75.02	75.0	47 53.08	3	3.6079	+ 0.0261	0.002	+ 30 55 34.2	3	14.910	0.358	0.21
945	.....	...	10-11	...	76.50	75.0	48 5.19	2	3.3372	+ 0.0159	0.002	+ 16 29 29.6	2	14.898	0.332	0.17
946	- 5 541	7.0	7.8	7-8	74.8	74.0	48 25.60	3	2.9806	+ 0.0163	0.004	- 5 50 23.1	3	14.878	0.298	0.13
947	+ 51 657	8.0	....	8.2	71.32	70.0	48 29.37	3	4.2198	+ 0.0574	0.007	+ 51 59 39.9	3	14.875	0.419	0.32
948	+ 9 376	9.5	....	...	75.93	75.0	48 56.53	1	3.2229	+ 0.0124	0.002	+ 9 30 52.2	1	14.848	0.322	0.16
949	- 0 456	8.5	....	8.7	?	76.0	49 46.81	1	3.0611	+ 0.0081	0.003	- 0 42 22.8	1	14.798	0.308	0.14
950	+ 38 599	6.8	6.8	6.8	77.58	77.0	50 7.23	8	3.7811	+ 0.0333	0.002	+ 38 6 38.9	9	14.778	0.379	0.23
951	.....	...	9.5	9.5	79.97	75.0	50 40.91	1	5.5118	+ 0.1604	0.063	+ 69 37 23.0	1	14.745	0.551	0.65
952	- 10 580	8.2	....	8	?	77.0	50 52.41	1	2.9019	+ 0.0047	0.003	- 10 52 43.9	1	14.734	0.293	0.11
953	+ 65 314	9.2	9	9.2	80.02	75.0	51 8.84	1	5.0819	+ 0.1194	0.034	+ 65 40 54.0	1	14.718	0.509	0.53
954	+ 24 416	9.1	9.1	9.1	79.8	79.0	51 23.46	4	3.4855	+ 0.0208	0.002	+ 24 26 32.8	4	14.703	0.352	0.19
955	+ 69 190	8.5	9	8.6	79.84	75.0	51 49.51	1	5.4936	+ 0.1570	0.058	+ 69 22 52.3	1	14.677	0.552	0.64
956	+ 24 418	8.8	8.9	9	73.92	70.0	51 56.79	3	3.4966	+ 0.0212	0.002	+ 24 57 52.1	3	14.670	0.354	0.19
957	+ 20 484	4.2	....	4.2	71.85	71.0	52 4.02	2	3.4194	+ 0.0184	0.002	+ 20 50 19.5	2	14.663	0.346	0.19
958	+ 19 440	8.0	8	8.0	77.81	75.0	52 4.25	2	3.3950	+ 0.0176	0.002	+ 19 29 20.7	2	14.662	0.344	0.18
959	» »	»	8.0	...	84.04	80.0	4.25	1	»	»	»	21.1	1	»	»	»
960	» »	»	....	...	82.05	80.0	4.30	5	»	»	»	20.9	5	»	»	»

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
921	81 365	Leipzig, Engelmann	Rümker N F. 1452	32 <sup>s</sup> 88	20" 8	Derselbe Stern wie Nr. 920. Die Epoche der Pos. soll 1867.0 statt 1866.0 sein, also Romberg's Vermuthen (Publ. XVIII) bestätigt. A. N. A. R. + 16 <sup>s</sup> corrigirt cf. Publ. XVIII. A.G.
922	69 382	Leiden, Kam	Weisse, 745 B.Z. 138	32.81	13.6	
923	79 74	Leipzig, Engelmann	Glasgow Cat. I 648	33.12	20.9	
924	84 177	Leipzig, Engelmann	Berlin A. G. Z. 22, 204 u. 210	56.07	58.6	
925	95 337	Königsberg, Franz	B. D. 447	55.1	48' 5	Siehe Noten.
926	86 209	Berlin, Knorre	Pulkowa mikrom. Anschluss	1.9	50.3	
927	91 189	Pola, J. Palisa	Markree Cat. Vol. IV p. 71	5.2	37.7	
928	92 245	Pola, J. Palisa	B. D. 398	18.0	18.1	
929	81 69	Berlin, Tietjen	B. D. 382	19.0	17.1	Scheinb. Aeq. 1870 Sept. 5. Red. — 1 <sup>s</sup> .830 — 8".85.
930	78 165	Kremsmünster	.....	.....	.....	
931	91 189	Pola, J. Palisa	Weisse, 1068 B.Z. 506	21.02	12" 2	
932	81 343	Berlin, Tietjen	B. D. 368	22.3	21' 6	
933	84 241	Berlin, Knorre	.....	.....	.....	A. N. Declin. + 11".3 corrigirt. Siehe Noten.
934	92 369	Pola, J. Palisa	Weisse, 1075 B.Z. 391	42.01	36" 4	
935	111 50	Hamburg, Schrader	.....	.....	.....	
936	95 11	Leiden, F. Bakhuyzen [u. Kapteyn]	Pulkowa Cat. 1875.0, 679	49.65	35.4	
937	97 327	Pola, J. Palisa	Christiania A. G. C. 512	51.43	4.0	E. B. nach Pulk. + 0 <sup>s</sup> .0043 — 0".063. Siehe Noten.
938	84 227, 86 87	Berlin, Knorre	B. D. 366	21.4	8' 0	
939	111 167	Berlin, Knorre	Weisse, 1097 B.Z. 506	44.74	19" 0	
940	104 195	Leipzig, Engelmann	Göttingen Cat. I 757-8	47.36	16.1	
941	86 173	Cambr. (M.), Rogers	Schjellerup 806	59.62	39.4	Siehe Noten.
942	111 167	Berlin, Knorre	Paris Cat, 3541	11.53	16.2	
943	86 209	Berlin, Knorre	Pulkowa mikr. Anschluss	25.9	49' 4	
944	86 107	Hamburg, Lindstedt	Leiden A. G. Z. 140 u. 230	53.01	35" 1	
945	91 189	Pola, J. Palisa	Pulkowa mikr. Anschluss	4.3	29' 4	Die erste Hamb. Beob. + 1 <sup>s</sup> corrigirt. Siehe Noten.
946	86 173	Cambr. (M.), Rogers	Paris Cat, 3567	25.38	23" 3	
947	81 69, 77 287 u. 378	Berlin, Tietjen	Cambridge (M) A.G.C. 1338	29.52	40.3	
948	91 189	Pola, J. Palisa	A. N. 81, 343 mikr. Anschluss	56.58	50.8	
949	89 265	Marseille, Stephan	Schjellerup 822	46.94	23.2	A. N. Decl. + 1' corrigirt; Yarn. 1307, 6 <sup>s</sup> .99, 39".6; 7 <sup>m</sup> .0 Lund A.G.Z. 92 u. 105 7 <sup>s</sup> .29, 39".7; 6 <sup>m</sup> .2. Siehe Noten.
950	95 9	Leiden, E. Bakhuyzen [u. Kapteyn]	Pulkowa Cat. 1875.0, 692	7.26	38.3	
951	97 327	Pola, J. Palisa	Pola, neue Mer. Beob.	40.82	22.5	
952	89 216	Marseille, Stephan	Weisse, 875 B. Z. 204 u. 206	52.70	43.0	
953	97 327	Pola, J. Palisa	B. D. 314	6..	41' 3	A. N. — 1 <sup>m</sup> und + 1' corrigirt, cf. Publ. XVIII der A.G. Berl. A.G.Z. 22, 210, 337, 56 <sup>s</sup> 85, 52".3; 8 <sup>m</sup> .8. Dupl. med. Σ 333. E. B. nach Pulk. — 0 <sup>s</sup> .0025 — 0".006 Berl. A.G.Z. Siehe Noten.
954	100 249	Königsberg, Rahts	B. D. 416	24.6	26.4	
955	97 327	Pola, J. Palisa	Christiania A. G. C. 526	49.54	53" 2	
956	84 227	Berlin, Knorre	Weisse, 1220 B.Z. 530	56.70	52.7	
957	79 137 u. 147	Leiden, Valentiner	Pulk. Cat. 1875.0, 700	4.04	20.3	Siehe Noten.
958	92 369	Pola, J. Palisa	B. D. 440	3.7	28' 0	
959	111 167	Berlin, Knorre	.....	.....	.....	
960	111 50	Hamburg, Schrader	.....	.....	.....	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
							1800 +										
961	+ 20° 485	8.7	....	9	72.82	70.0	2h 52 <sup>m</sup> 31 <sup>s</sup> 79	1	+ 3 <sup>s</sup> 4237	+ 0 <sup>s</sup> 0185	+ 0 <sup>s</sup> 002	+ 21° 1' 42" 0	1	14" 635	- 0" 348	- 0" 18	
962	+ 12 420	9.2	9.2	...	65.03	65.0	52 37.02	3	3.2709	+ 0.0136	0.002	+ 12 15 19.4	3	14.630	0.332	0.16	
963	+ 18 387	9.5	....	9.5	75.87	75.0	52 49.14	1	3.3718	+ 0.0168	0.002	+ 18 7' 5 ...	..	14.618	0.343	0.18	
964	" "	"	9.5	...	75.94	80.0	49.18	..	"	"	"	7 28.8	..	"	"	"	
965	" "	"	8.5	...	?	75.0	49.18	..	"	"	"	29.1	..	"	"	"	
966	- 5 554	7.3	9	8.5	74.8	74.0	52 54.59	3	2.9876	+ 0.0065	0.003	- 5 17 0.3	3	14.612	0.305	0.17	
967	+ 17 469	9.5	....	9.5	75.08	80.0	53 1.76	1	3.3623	+ 0.0164	0.002	+ 17 34 1.4	1	14.605	0.342	0.17	
968	+ 9 385	8.8	....	9	72.82	70.0	53 4.75	1	3.2339	+ 0.0125	0.002	+ 10 0 14.9	1	14.602	0.329	0.16	
969	.....	...	9.5	...	75.02	80.0	53 12.30	1	3.3614	+ 0.0164	0.002	+ 17 30 16.8	1	14.595	0.342	0.16	
970	+ 18 390	8.8	8.8	8.8	?	75.0	53 32.06	8	3.3730	+ 0.0168	0.002	+ 18 7 59.6	3	14.575	0.344	0.17	
971	+ 19 444	9.5	....	9.5	75.93	75.0	53 38.93	1	3.3999	+ 0.0176	0.002	+ 19 37 44.6	1	14.568	0.347	0.17	
972	" "	"	9.5	...	75.99	80.0	38.98	1	"	"	"	44.9	1	"	"	"	
973	+ 38 617	6.8	6.8	6.8	77.42	77.0	53 55.71	9	3.8009	+ 0.0334	0.001	+ 38 22 53.7	10	14.551	0.388	0.24	
974	+ 14 502	7.5	8	7-8	77.07	75.0	53 59.16	2	3.3109	+ 0.0148	0.001	+ 14 32 9.6	2	14.548	0.338	0.16	
975	+ 14 503	8.0	....	8	72.90	70.0	54 22.05	1	3.3104	+ 0.0147	+ 0.001	+ 14 29 13.1	1	14.525	0.339	0.16	
976	.....	...	....	8	84.7	84.0	54 26.44	1	1.5126	+ 0.0096	- 0.002	- 59 24 20.5	1	14.520	0.158	0.04	
977	+ 76 109	8.9	....	8.4	81.06	80.0	54 27.31	3	6.7998	+ 0.3063	+ 0.201	+ 76 6 12.6	3	14.519	0.690	1.10	
978	+ 25 477	5.8	5.8	6.7	79.8	79.0	54 32.41	2	3.5216	+ 0.0218	0.000	+ 25 57 59.8	2	14.514	0.360	0.19	
979	+ 19 447	9.5	....	9.5	76.89	75.0	55 17.02	1	3.3987	+ 0.0175	0.001	+ 19 25 35.5	1	14.469	0.349	0.17	
980	.....	10	10	10	76.95	75.0	55 22.70	2	3.4013	+ 0.0175	0.001	+ 19 33 41.6	2	14.464	0.350	0.17	
981	+ 19 448	9.5	9.5	9.5	76.89	75.0	55 32.31	1	3.4022	+ 0.0176	0.001	+ 19 35 49.4	1	14.454	0.350	0.17	
982	+ 20 491	9.1	....	9	67.8	67.0	55 34.62	1	3.4181	+ 0.0181	0.001	+ 20 27 42.6	1	14.451	0.352	0.17	
983	+ 66 242	7.8	....	8.0	82.4	82.0	55 44.04	3	5.2492	+ 0.1295	0.034	+ 66 55 17.3	3	14.443	0.537	0.56	
984	+ 12 428	9.2	9.2	8.8	65.04	65.0	55 47.67	..	3.2713	+ 0.0135	0.001	+ 12 6 30.3	..	14.438	0.337	0.16	
985	+ 19 451	8.8	....	8.8	67.8	67.0	56 42.05	3	3.4044	+ 0.0175	0.001	+ 19 37 17.4	3	14.383	0.352	0.17	
986	+ 4 488	8.7	8.8	8.7	69.87	69.0	56 56.36	2	3.1513	+ 0.0103	0.002	+ 4 50 39.7	2	14.369	0.327	0.14	
987	+ 38 630	Var.	Var.	Var.	77.38	77.0	57 10.36	8	3.8110	+ 0.0331	0.001	+ 38 21 14.9	9	14.354	0.394	0.23	
988	+ 24 430	9.5	9.5	9.5	73.93	70.0	57 43.10	2	3.5091	+ 0.0210	0.000	+ 25 1 1.7	2	14.321	0.364	0.19	
989	- 4 520	8.0	8	8	74.8	74.0	57 57.41	2	2.9933	+ 0.0067	0.003	- 4 48 55.9	2	14.306	0.312	0.12	
990	+ 20 501	7.5	....	8	67.56	65.0	58 20.99	2	3.4216	+ 0.0180	0.001	+ 20 24 55.2	2	14.282	0.356	0.17	
991	" "	"	....	8.0	67.3	67.0	21.07	..	"	"	"	55.9	..	"	"	"	
992	+ 21 408	9.3	....	9	71.81	71.0	58 22.15	2	3.4392	+ 0.0185	0.001	+ 21 21 5.4	2	14.281	0.358	0.18	
993	+ 3 426	8.9	8.8	9.0	69.89	69.0	58 27.94	1	3.1376	+ 0.0099	0.002	+ 3 58 40.2	1	14.274	0.328	0.14	
994	" "	"	9	9	67.91	67.0	28.46	1	"	"	"	39.2	1	"	"	"	
995	+ 18 403	9.5	9.5	9.5	?	75.0	58 35.63	..	3.3813	+ 0.0167	0.001	+ 18 12 18.8	..	14.267	0.352	0.17	
996	" "	"	9.5	...	75.87	80.0	35.83	1	"	"	"	18.5	1	"	"	"	
997	- 9 587	9.3	9.6	9.3	82.04	82.0	59 20.64	3	2.9173	+ 0.0053	0.003	- 9 20 4.1	3	14.221	0.306	0.11	
998	+ 50 705	9.5	....	9.5	71.32	70.0	59 26.01	3	4.2113	+ 0.0525	0.002	+ 50 22 43.6	3	14.215	0.439	0.31	
999	" "	"	...	...	"	71.0	26.05	..	"	"	"	43.5	..	"	"	"	
1000	+ 20 505	8.5	....	9	67.8	67.0	59 29.41	3	3.4185	+ 0.0178	0.001	+ 20 9 22.6	3	14.212	0.358	0.17	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
961	81 69	Berlin, Tietjen	Weisse, 1236-7 B.Z. 27 u. 391	31 <sup>s</sup> 84	44 <sup>m</sup> 0	A.N. — 10" in $\gamma$ corrigirt; Berl. A.G.Z. 19, 20, 176, 31 <sup>s</sup> 76, [42 <sup>m</sup> 9; 8 <sup>m</sup> 7 Siehe Noten.
962	69 68	Berlin, Romberg	Kam 552	37.02	19.6	
963	91 189	Pola, J. Palisa	B.D. 387	48.2	7' 1	Bloss in A.R. scharf bestimmt.
964	88 19, 87 357	Berlin, Becker	.....	.....	.....	
965	95 337	Königsberg	.....	.....	.....	Kön. verbunden mit Berlin.
966	86 173	Cambr. (M.) Rogers.	Schjellerup 841	54.59	59 <sup>m</sup> 7	
967	88 19	Berlin, Knorre	B.D. 469	2.3	32' 0	Rümker N. F. 1529, 4 <sup>s</sup> 82, 14 <sup>m</sup> 6.
968	81 69	Berlin, Tietjen	Schjellerup 843	4.66	19 <sup>m</sup> 0	
969	88 19	Berlin, Knorre	Pulkowa, mikr. Anschluss	11.0	30' 4	Siehe Noten.
970	95 337	Königsberg, Franz	B.D. 390	32.4	7.4	
971	91 189	Pola, J. Palisa	B.D. 444	38.8	36.0	
972	88 19	Berlin, Becker	.....	.....	.....	
973	95 9	Leiden, E. Bakhuyzen [und Kapteyn]	Pulkowa Cat. 1875.0, 709	55.78	53 <sup>m</sup> 5	A.N. Epoche der Decl. 77.46. Lund A.G.Z. 374 u. 377, [55 <sup>s</sup> 67, 53 <sup>m</sup> 0; 6 <sup>m</sup> 3.
974	91 209	Pola, J. Palisa	Paris Cat, 3654	59.12	9.7	
975	84 241	Berlin, Tietjen	Paris Cat, 3657	22.08	15.1	
976	112 144	Cap	Cordoba Z.C. 1483	26.44	19.8	
977	111 50	Hamburg, Schrader	Kasan I.A.G.Z. p. 324 u. 326	27.07	12.3	Kasan p. 327 unten, statt 13° 53' 39".2 lese man 13° 54' 39".2.
978	100 249	Königsberg, Rahts	Paris Cat, 3658	32.50	58.5	
979	91 209	Pola, J. Palisa	B.D. 447	16.3	26' 5	
980	91 209	Pola, J. Palisa	Küstner 122	22.72	42 <sup>m</sup> 1	
981	91 209	Pola, J. Palisa	B.D. 448	31.3	35' 1	
982	74 247	Königsberg, Lorek	Weisse, 1307 B.Z. 391	34.76	34 <sup>m</sup> 2	
983	108 47	Washington	Christiania A. G. C. 535	43.84	14.7	Berlin A.G.Z. 5, 176, 204, 352, 34 <sup>s</sup> 50, 31 <sup>m</sup> 3; 9 <sup>m</sup> 1. S. Noten
984	69 68	Berlin, Romberg	B.D. 428	48.0	6' 3	
985	74 247	Königsberg, Lorek	B.D. 451	41.3	36.5	Siehe Noten.
986	76 43	Leipzig, Engelmann	Albany A.G.C. 868	56.30	38 <sup>m</sup> 6	
987	95 9	Leiden, E. Bakhuyzen [und Kapteyn]	Greenw. 10 Y. Cat. 460.	10.36	15.1	{ A.N. — 2 <sup>m</sup> corrigirt $\rho$ Persei. Siehe Noten. Dunsink Cat. of red. stars N°. 23b, 10 <sup>s</sup> 38, 15 <sup>m</sup> 1.
988	84 227	Berlin, Knorre	B.D. 430	44.0	0' 6	
989	86 173	Cambr. (M.) Rogers	Paris Cat, 3691	57.26	58 <sup>m</sup> 5	
990	69 68	Berlin, Romberg	Paris Cat, 3702	21.07	55.2	
991	74 195	Berlin, Romberg	Berlin A.G.Z. 176 u. 204	20.99	54.0	Siehe Noten.
992	79 137 u. 147	Leiden, Valentiner	Weisse, 1378 B.Z. 391	21.88	5.2	
993	76 43	Leipzig, Engelmann	Albany A. G. C. 872	28.30	39.8	Berl. A. G. Z. 19, 20, 24 u. 28, 22 <sup>s</sup> 20, 5 <sup>m</sup> 2; 9 <sup>m</sup> 0
994	71 175	Leipzig, Engelmann	Weisse, 1014 B.Z. 121	28.78	42.1	
995	95 337	Königsberg, Franz	B.D. 403	37.6	11' 9	Kön. verbunden mit Berlin.
996	88 19	Berlin, Becker	.....	.....	.....	
997	102 171	Leipzig, Weinek	B.D. 587	19.3	20.4	
998	81 69	Berlin, Tietjen	B.D. 705	25.9	22.4	
999	77 287	Berlin	.....	.....	.....	Siehe Noten.
1000	74 247	Königsberg, Lorek	Weisse, 1402 B.Z. 506	29.34	15 <sup>m</sup> 9	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied.
1001	+ 20° 505	8.5	....	8.9	67.7	67.0	2h 59m 29s 51	..	+ 3s 4185	+0s 0178	+0s 001	+20° 9' 18" 7	..	14" 212	-0" 358	- 0" 17
1002	+ 38 640	8.1	8.1	8.1	77.58	77.0	59 31.69	8	3.8255	+0.0333	0.000	+38 36 11.5	8	14.210	0.400	0.24
1003	+ 19 457	9.5	....	...	80.8	80.0	59 52.48	1	3.4002	+0.0172	0.001	+19 8 35.5	1	14.188	0.356	0.17
1004	" "	"	9.5	...	75.87	80.0	52.61	1	"	"	"	35.9	1	"	"	"
1005	+ 24 437	8.2	....	9	74.87	75.0	3 0 29.58	2	3.5155	+0.0209	0.000	+25 4 20.1	2	14.150	0.369	0.19
1006	+ 47 773	9.1	8.9	9.0	64.70	65.0	0 30.27	1	4.1006	+0.0462	0.000	+47 20 45.0	1	14.149	0.430	0.28
1007	- 5 579	8.2	8	8	74.8	74.0	0 35.09	3	2.9804	+0.0065	0.003	- 5 32 5.5	3	14.144	0.314	0.12
1008	.....	...	10.0	10	84.02	80.0	0 46.52	2	3.3480	+0.0155	0.001	+16 12 40.4	2	14.132	0.352	0.17
1009	+ 17 499	9.0	9	9	76.96	75.0	0 59.65	2	3.3773	+0.0164	0.001	+17 48 44.2	2	14.119	0.356	0.17
1010	- 4 526	9.2	9	9.2	74.8	74.0	1 1.60	2	2.9975	+0.0069	0.003	- 4 29 54.4	2	14.117	0.316	0.12
1011	.....	...	11	11	77.06	75.0	1 3.12	1	3.3625	+0.0159	0.001	+16 59 43.2	1	14.115	0.354	0.16
1012	.....	...	....	10.5	77.08	75.0	1 10.01	1	3.3860	+0.0166	0.001	+18 16 18.5	1	14.108	0.357	0.17
1013	.....	...	9.5	...	?	75.0	10.01	6	"	"	"	18.9	4	"	"	"
1014	+ 13 507	8.8	8.8	9	69.9	70.0	1 14.07	3	3.3056	+0.0142	0.001	+13 47 49.6	3	14.104	0.349	0.16
1015	+ 18 414	6.5	6.5	7	?	75.0	1 16.03	4	3.3869	+0.0166	0.001	+18 18 49.1	2	14.102	0.357	0.17
1016	" "	"	....	6.4	78.84	75.0	16.08	2	"	"	"	48.0	2	"	"	"
1017	+ 25 497	8.0	....	8-9	74.85	75.0	1 19.11	1	3.5179	+0.0209	0.000	+25 6 41.3	1	14.099	0.371	0.18
1018	+ 50 710	9.0	....	9.0	71.3	71.0	1 32.95	1	4.2249	+0.0524	0.000	+50 27 9.6	1	14.084	0.444	0.30
1019	" "	"	....	8.7	71.32	70.0	32.99	3	"	"	"	10.0	3	"	"	"
1020	" "	"	....	...	71.3	71.0	33.09	..	"	"	"	9.2	..	"	"	"
1021	+ 17 501	9.5	9.7	...	76.86	75.0	1 45.56	1	3.3733	+0.0162	0.001	+17 32 11.3	1	14.071	0.356	0.16
1022	- 5 584	9.0	9	9	74.8	74.0	1 54.41	2	2.9827	+0.0066	0.003	- 5 21 59.6	2	14.062	0.316	0.12
1023	+ 19 466	9.3	....	...	76.43	75.0	2 4.10	2	3.4034	+0.0171	0.001	+19 8 41.8	2	14.052	0.360	0.17
1024	+ 12 445	6.8	....	8	70.98	70.0	2 9.69	2	3.2817	+0.0135	0.001	+12 22 46.7	2	14.046	0.347	0.15
1025	+ 20 514	6.9	8	7	67.07	65.0	2 10.25	2	3.4249	+0.0177	0.000	+20 16 56.2	2	14.046	0.362	0.17
1026	- 4 529	8.3	9	9	74.8	74.0	2 10.79	3	3.0043	+0.0070	0.003	- 4 4 12.9	3	14.045	0.319	0.12
1027	+ 18 418	7.0	(7)	7-8	67.10	65.0	2 28.20	2	3.3994	+0.0169	0.001	+18 54 8.3	2	14.027	0.360	0.16
1028	- 4 531	8.7	9	9	74.8	74.0	2 29.58	3	3.0027	+0.0070	+0.003	- 4 9 55.3	3	14.025	0.319	0.12
1029	+ 27 480	6.5	6.5	6-7	79.8	79.0	2 41.11	3	3.5668	+0.0224	-0.001	+27 20 36.6	3	14.013	0.378	0.19
1030	+ 21 413	7.7	....	7	69.90	75.0	2 54.56	2	3.4449	+0.0183	0.000	+21 16 8.7	2	13.999	0.366	0.17
1031	+ 39 724	5.2	5.2	5.2	77.38	77.0	3 13.59	8	3.8522	+0.0336	-0.001	+39 8 6.3	9	13.979	0.409	0.24
1032	+ 16 398	8.0	8.0	8	84.02	80.0	3 17.45	2	3.3533	+0.0155	0.000	+16 20 12.1	2	13.975	0.357	0.16
1033	+ 49 871	8.3	8.8	8.3	72.09	72.0	3 21.18	2	4.2067	+0.0507	0.000	+49 47 17.7	2	13.971	0.446	0.30
1034	" "	"	....	8.3	71.33	70.0	21.31	2	"	"	"	17.6	2	"	"	"
1035	+ 9 406	9.5	....	9.5	70.7	70.0	3 30.10	..	3.2358	+0.0122	-0.001	+ 9 40 22.5	..	13.962	0.345	0.15
1036	+ 17 506	9.4	9	9.4	76.41	75.0	3 36.75	2	3.3732	+0.0161	0.000	+17 24 15.3	2	13.955	0.359	0.16
1037	+ 18 424	8.0	8.0	8-9	?	75.0	3 37.94	8	3.3892	+0.0165	0.000	+18 16 3.2	4	13.954	0.361	0.16
1038	.....	...	10	10	76.92	75.0	3 47.62	2	3.3725	+0.0160	0.000	+17 21 18.7	2	13.944	0.359	0.16
1039	+ 47 779	6.9	....	7.1	64.81	65.0	3 48.15	2	4.1120	+0.0457	0.000	+47 15 15.9	2	13.943	0.437	0.28
1040	+ 14 525	9.3	9-10	9.3	77.88	75.0	3 52.36	2	3.3237	+0.0146	0.000	+14 39 30.0	2	13.939	0.354	0.15

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N .
				A.R.	Decl.	
1001	74 195	Berlin	Berlin A.G.Z. 176, 204 u. 352	29 <sup>s</sup> 47	16" 9	Derselbe Stern wie Nr. 1000.
1002	95 7	Leiden E. Bakhuyzen [u. Kapteyn]	Pulkowa Cat. 1875.0, 726	31.70	10.5	Lund A.G.Z. 84 u. 86, 31 <sup>s</sup> .64, 11" 2; 7 <sup>m</sup> .7.
1003	98 371	Pola, J. Palisa	A.N. 92, 249 mikr. Anschluss	52.25	37.2	
1004	88 19	Berlin, Becker	.....	.....	.....	A.N. Declin. — 1' corrigirt; cf. Publ. XVIII der A.G.
1005	86 107	Hamburg, Lindstedt	Weisse, 1420 B.Z. 333 u. 396	29.83	23.9	Berlin A.G.Z. 22, 210, 424, 29 <sup>s</sup> .62, 19" 8; 8 <sup>m</sup> .6.
1006	69 68	Berlin, Romberg	Arg.-Oeltzen 3470	30.33	44.4	Bonn A.G.C. 2634, 30 <sup>s</sup> .30, 43" 5; 8 <sup>m</sup> .9.
1007	86 173	Cambr. (M) Rogers	Weisse, 1060 B.Z. 260	35.30	9.6	
1008	111 167	Berlin, Knorre	A.N. 109 172, 111 291 mikr. [Anschluss]	46.40	41.7	
1009	91 209	Pola, J. Palisa	Weisse, 1437 B.Z. 506	59.92	42.1	
1010	86 173	Cambr. (M) Rogers	B. D. 526	1.6	30' 0	
1011	91 209, 111 291	Pola, J. Palisa	Markree Cat. Vol. I p. 211	59..	57.4	A.N. — 5 <sup>s</sup> corrigirt. cf. Publ. XVIII der A. G. u. A.N. [114 S. 354.]
1012	91 209	Pola, J. Palisa	C. H. F. Peters Karte Nr. 5	9..	16..	
1013	95 337	Königsberg, Franz	.....	.....	.....	
1014	76 53	Königsberg, Lorek	Schjellerup 881	13.74	52" 9	
1015	95 337, 102 285	Königsberg, Franz	Paris Cat, 3756	16.09	50.7	Verbunden mit Mädler und B.A.C. 54 Arietis.
1016	94 291	Kremsmünster	Pulk. Obs. Vol. VIII p. 238 [Nr. 443]	16.11	49.3	E. B. nach Pulkowa — 0 <sup>s</sup> .0005 — 0" 008.
1017	86 107	Hamburg, Lindstedt	Weisse, 1442-3 B.Z. 333 u. 396	19.75	41.4	Berlin A.G.Z. 22 u. 210, 19 <sup>s</sup> .28, 42" 0; 8 <sup>m</sup> .5.
1018	79 349, 77 378	Berlin	B. B. VI 710	32.75	11.2	Siehe Noten.
1019	81 69	Berlin, Tietjen	Cambridge (M) A.G.C. 1395	33.11	10.7	
1020	77 287	Berlin	.....	.....	.....	Siehe Noten.
1021	91 209, 111 291	Pola, J. Palisa	A.N. 86 382, 88 60 mikr. [Anschluss]	46.18	9.2	
1022	86 173	Cambr. (M) Rogers	Weisse, 1081 B.Z. 260	54.37	59.9	
1023	91 209	Pola, J. Palisa	A.N. 87, 357 mikr. Anschluss	4.07	35.4	Epoche für § 77.01. Dupl. praec. Die 1 <sup>e</sup> Beob. — 0 <sup>s</sup> .60 [corrigirt. cf. A.N. 91 287.]
1024	77 265	Leiden, Valentiner	Taylor 1056	9.91	44.8	
1025	69 68	Berlin, Romberg	Glasgow Cat I 727	10.21	54.0	Berlin A.G.Z. 176, 204, 352, 10 <sup>s</sup> .25, 53" 9; 6 <sup>m</sup> .6
1026	86 174	Cambr. (M) Rogers	Schjellerup 891	10.37	14.3	Weisse, 1086 B.Z. 128, 203, 212, 10 <sup>s</sup> .78, 16" 2; 9 <sup>m</sup> .
1027	69 68	Berlin, Romberg	Paris Cat, 3775	28.13	7.0	
1028	86 174	Cambr. (M) Rogers	Weisse, 1091 B.Z. 128, 203 [u. 212]	29.51	54.8	Pulk. Cat 1875.0 741, 29 <sup>s</sup> .46, 57" 0; 9 <sup>m</sup> .0. Σ 358 seq. maj.
1029	100 249	Königsberg, Rahts	Paris Cat, 3780	41.14	35.8	
1030	81 69	Berlin, Tietjen	Paris Cat, 3784	54.57	9.5	Berlin A.G.Z. 19, 20, 424, 54 <sup>s</sup> .40, 9" 4; 7 <sup>m</sup> .4.
1031	95 7	Leiden, E. Bakhuyzen [u. Kapteyn]	Pulk. Cat. 1875.0, 743	13.51	5.0	Epoche für § 77.42. E. B. nach Pulkowa — 0 <sup>s</sup> .0029 + 0" 020.
1032	111 167	Berlin, Knorre	Weisse, 20 B.Z. 337	17.56	11.9	
1033	81 365	Leipzig, Engelmann	Bonn A.G.C. 2667	21.37	17.8	
1034	81 69	Berlin, Tietjen	.....	.....	.....	
1035	78 215	Bonn	B. D. 406	30.1	40' 4	Siehe Noten.
1036	91 209	Pola, J. Palisa	B. D. 506	36.0	24.7	
1037	95 337	Königsberg, Franz	Weisse, 33, B.Z. 506	38.01	2" 5	
1038	91 209	Pola, J. Palisa	Pulkowa mikrom. Anschluss	47.1	21' 6	Siehe Noten.
1039	69 68, 75 281	Berlin, Romberg	B. B. VI 779	48.04	17" 7	Dunsink Cat. of red stars Nr. B. 57, 47 <sup>s</sup> .95, 15" 2.
1040	92 245, 94 205	Pola, J. Palisa	B. D. 525	51.6	38' 7	Bonn A.G.C. 2674, 48 <sup>s</sup> .03, 15" 3; 7 <sup>m</sup> .7. Dupl. praec.

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3 Glied.
		B. D.	A. N.	Quelle	Beob.	Pos.										
					1800 +									+		
1041	— 3° 504	9.3	9-10	9.3	74.8	74.0	3 <sup>h</sup> 4 <sup>m</sup> 10 <sup>s</sup> 85	2	+ 3 <sup>s</sup> 0157	+0 <sup>s</sup> 0072	+0 <sup>s</sup> 0002	— 3° 21' 42'' 5	2	13'' 919	— 0'' 322	— 0'' 12
1042	+ 15 446	7.5	8.0	8	84.04	80.0	4 57.28	1	3.3435	+0.0151	0.000	+15 41 31.9	1	13.871	0.358	0.16
1043	+ 15 447	7.0	7.0	8	84.00	80.0	5 25.00	2	3.3505	+0.0153	0.000	+16 2 40.5	2	13.841	0.359	0.16
1044	+ 39 737	7.5	7.5	7.3	77.59	77.0	6 1.21	9	3.8760	+0.0340	— 0.001	+39 38 58.5	11	13.803	0.416	0.24
1045	— 3 512	8.2	8.9	8-9	74.8	74.0	6 12.00	2	3.0134	+0.0072	+0.002	— 3 28 17.1	2	13.792	0.325	0.12
1046	+ 15 450	7.3	7.3	7-8	84.02	80.0	7 10.14	2	3.3357	+0.0147	0.000	+15 7 19.1	2	13.730	0.3 0	0.16
1047	» »	»	....	8	78.85	77.0	10.27	3	»	»	»	25.3	3	»	»	»
1048	.....	...	11.4	11.5	73.93	70.0	7 48.82	4	3.0160	+0.0073	+0.002	— 3 17 43.3	4	13.689	0.327	0.12
1049	+ 11 454	9.0	....	8.7	74.93	75.0	8 4.69	4	3.2795	+0.0132	0.000	+11 57 58.9	4	13.672	0.356	0.15
1050	— 2 580	9.4	9-10	9.4	74.8	74.0	8 16.61	2	3.0264	+0.0075	+0.002	— 2 41 2.8	2	13.659	0.329	0.12
1051	— 2 581	7.2	7.8	7-8	74.8	74.0	8 17.54	3	3.0244	+0.0074	+0.002	— 2 48 0.0	3	13.658	0.329	0.12
1052	.....	...	....	11.5	71.81	71.0	8 45.30	1	2.8283	+0.0042	+0.003	— 13 58 10.0	1	13.629	0.308	0.10
1053	— 1 466	8.4	9	8.4	74.9	74.0	9 9.28	4	3.0561	+0.0080	+0.001	— 0 56 35.9	4	13.603	0.333	0.12
1054	— 8 612	9.3	9	9.3	82.03	82.0	9 34.79	2	2.9195	+0.0056	+0.003	— 8 49.5	..	13.575	0.319	0.10
1055	— 2 587	8.9	9	9-10	74.9	74.0	9 49.42	3	3.0286	+0.0075	+0.001	— 2 32 9.0	3	13.560	0.331	0.12
1056	+ 5 465	9.0	9.0	9.0	68.8	68.0	9 54.95	2	3.1651	+0.0103	+0.001	+ 5 22 55.2	3	13.554	0.346	0.14
1057	+ 28 513	8.9	8.9	9	79.8	79.0	10 19.52	9	3.6191	+0.0233	— 0.002	+28 59 19.4	9	13.527	0.395	0.19
1058	— 1 468	9.5	9.5	9.5	74.9	74.0	10 32.41	3	3.0389	+0.0077	+0.001	— 1 56 7.3	3	13.513	0.333	0.12
1059	+ 22 469	7.5	....	7-8	67.8	67.0	10 33.65	..	3.4789	+0.0187	— 0.001	+22 22 22.7	..	13.512	0.381	0.16
1060	+ 13 535	7.0	9	8	64.86	65.0	10 58.05	3	3.3078	+0.0138	0.000	+13 23 15.5	3	13.486	0.363	0.15
1061	+ 15 462	9.5	9.5	9.5	84.00	80.0	11 10.58	2	3.3509	+0.0149	0.000	+15 42 52.6	2	13.472	0.368	0.16
1062	+ 64 386	9.0	....	8.9	82.4	82.0	11 11.49	2	5.1553	+0.1069	+0.006	+64 34 16.1	2	13.472	0.562	0.50
1063	+ 35 666	9.5	....	9.5	70.83	70.0	11 30.75	2	3.7892	+0.0293	— 0.002	+35 52 4.8	2	13.451	0.416	0.22
1064	— 1 469	6.2	5.7	6.2	74.9	74.0	11 58.65	2	3.0482	+0.0079	+0.001	— 1 23 13.4	2	13.420	0.336	0.12
1065	— 2 308	8.8	9-10	9.5	74.9	74.0	12 12.00	3	3.0362	+0.0077	+0.001	— 2 4 30.0	3	13.406	0 335	0.12
1066	+ 11 460	9.0	9.2	9.0	66.97	66.0	12 48.05	1	3.2759	+0.0129	0.000	+11 32 58.4	1	13.367	0.362	0.15
1067	— 8 623	9.5	9.9	9.5	82.04	82.0	12 51.40	2	2.9195	+0.0057	+0.002	— 8 42 32.1	2	13.363	0.323	0.11
1068	+ 15 468	9.0	9.0	9	84.04	80.0	13 3.60	1	3.3434	+0.0146	0.000	+15 12 9.0	1	13.350	0 370	0.15
1069	— 8 625	9.4	9.8	9.4	82.04	82.0	13 6.00	2	2.9180	+0.0056	+0.002	— 8 47 20.5	2	13.347	0.323	0.11
1070	+ 15 470	9.0	9.0	9.0	83.99	80.0	13 31.85	1	3.3566	+0.0149	0.000	+15 52 43.4	1	13.319	0.372	0.15
1071	+ 15 471	9.4	9.4	9.4	84.02	80.0	13 51.80	2	3.3546	+0.0148	0.000	+15 45 15.3	2	13.297	0.372	0.15
1072	— 1 476	9.5	9.5	9.5	74.9	74.0	14 0.10	3	3.0487	+0.0079	+0.001	— 1 20 52.2	3	13.288	0.339	0.12
1073	+ 2 526	8.7	7.5	8.2	66.97	66.0	14 24.47	1	3.1219	+0.0093	+0.001	+ 2 49 38.4	1	13.261	0.347	0 15
1074	— 0 532	8.6	9	8.6	74.9	74.0	14 45.77	2	3.0579	+0.0081	+0.001	— 0 49 15.0	2	13.238	0.341	0.12
1075	+ 0 572	8.4	8.9	7-8	74.9	74.0	14 47.10	2	3.0739	+0.0084	+0.001	+ 0 5 41.1	2	13.237	0.342	0.12
1076	— 1 477	8.6	9.0	8.6	74.9	74.0	14 48.77	3	3.0551	+0.0080	+0.001	— 0 58 36.0	3	13.235	0.340	0.12
1077	+ 49 913	9.1	....	...	69.94	70.0	14 55.20	3	4.2460	+0.0484	— 0.004	+49 26 0.2	3	13.228	0.471	0.29
1078	+ 48 903	7.0	....	7	69.81	70.0	14 59.16	4	4.1947	+0.0459	— 0.005	+48 9 23.2	4	13.223	0.466	0.28
1079	+ 48 904	8.4	..	8-9	70.33	70.0	15 4.00	2	4.2030	+0.0463	— 0.005	+48 21 27.9	2	13.218	0.467	0.28
1080	+ 5 483	9.5	9.5	9.5	68.8	68.0	15 19.22	4	3.1686	+0.0103	+0.001	+ 5 28 7.1	4	13.201	0.353	0.15



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1041	86 174	Cambr. (M), Rogers	B. D. 504	10 <sup>s</sup> 7	21' 4	Siehe Noten.
1042	111 187	Berlin, Knorre	Lalande 5904	57.20	36'' 4	Nicht im Pariser Cat.
1043	111 167	Berlin, Knorre	Paris Cat, 3831	24.88	40.1	
1044	95 7	Leiden, E. Bakhuysen (u. Kapteyn)	Pulk. Cat. 1875.0, 752	1.22	57.5	A.N. $\delta + 1'$ corrig. Lund A.G.Z. 92 u. 105 1 <sup>s</sup> .26, 59'' 3; 7 <sup>m</sup> .0.
1045	86 174	Cambr (M), Rogers	Paris Cat, 3843	11.98	17.9	
1046	111 167	Berlin, Knorre	Paris Cat, 3858	10.09	19.0	
1047	94 289	Kremsmünster	Glasgow Cat. I 746	10.09	19.2	
1048	104 195	Leipzig, Engelmann	Pulkowa mikr. Anschluss	48.8	17' 7	Siehe Noten.
1049	86 107	Hamburg, Lindstedt	Yarnall 1404	4.68	57'' 8	
1050	86 174	Cambr. (M), Rogers	B. D. 580	16.4	41' 1	
1051	86 174	Cambr. (M), Rogers	Paris Cat, 3882	17.59	2'' 8	
1052	79 137	Leiden, Valentiner	Pulkowa, mikr. Anschluss	45.7	58' 6	Siehe Noten
1053	86 175	Cambr. (M), Rogers	Göttingen Cat. I 869-70	9.33	37'' 2	
1054	102 299	Berlin, Leman	B. D. 612	33.8	49' 5	Bloss in A. R. scharf bestimmt.
1055	86 175	Cambr. (M), Rogers	M, 655	49.15	5'' 4	
1056	74 75	Washington	Yarnall 1414	54.88	54.4	Corr. Declin. $+ 1''$ cf. A. N. 78 p. 167.
1057	100 249	Königsberg, Rahts	Weisse, 193 B. Z. 535 u. 536	19.62	22.5	
1058	86 175	Cambr. (M), Rogers	B. D. 468	30.5	54' 8	Auch B. D. — 2° 592, 32 <sup>s</sup> .0, 56' 0; 9 <sup>m</sup> .4.
1059	74 195	Berlin	Paris Cat, 3925	33.32	22' 3	Berlin A. G. Z. 5, 24, 26, 28 u. 35, 33 <sup>s</sup> .29, 22'' 3. Siehe Noten.
1060	69 68	Berlin, Romberg	Paris Cat, 3934	57.92	14.3	
1061	111 167	Berlin, Knorre	B. D. 462	10.1	41' 7	
1062	102 169	Kiel, Schumacher	Helsingfors A.G.C. 2920	11.34	17'' 9	
1063	77 265	Leiden, Becker u. Valentiner	B. B. VI 666	30.68	6.5	
1064	86 175	Cambr. (M), Rogers	Pulkowa Cat. 1875.0, 765	58.76	13 6	E.B. $\left\{ \begin{array}{l} +0^s 0156 - 0'' 066 \text{ nach Pulk. Cat.} \\ +0.0177 - 0.070 \text{ » Paris Cat. Nr. 3946.} \\ +0.016 - 0.06 \text{ » Porter Cat. Pr.Mot. Nr. 220.} \end{array} \right.$
1065	86 175	Cambr. (M), Rogers	M, 660	11.86	30.2	
1066	68 233, 69 102	Leipzig, Engelmann	B. D. 460	46.8	34' 0	
1067	102 171	Leipzig, Weinek	B. D. 623	50.1	42.2	
1068	111 169	Berlin, Knorre	Weisse, 207 B. Z. 141	3.54	8'' 8	
1069	102 171	Leipzig, Weinek	B. D. 625	5.8	47' 3	
1070	111 169	Berlin, Knorre	B. D. 470	29.9	53.0	
1071	111 169	Berlin, Knorre	B. D. 471	50.6	45.4	
1072	86 175	Cambr. (M), Rogers	B. D. 476	57.2	20.4	
1073	69 102 u. 104	Leipzig, Engelmann	Albany A. G. C. 966	24.52	38'' 3	
1074	86 176	Cambr. (M), Rogers	Göttingen Cat. I, 883-4	45.79	18.0	
1075	86 176	Cambr. (M), Rogers	Harvard Zones 30u. 32, Nr. 99	46.89	41.8	
1076	86 176	Cambr. (M), Rogers	Göttingen Cat. I, 887-8	48.65	40.5	
1077	81 69	Berlin, Tietjen	Rümker 844	53.68	1.2	A. N. Declin. $+ 10''$ corrigirt; siehe Noten.
1078	81 69	Berlin, Tietjen	Arg.-Oeltzen 3727	59.39	20'' 6	Bonn A.G.C. 2818, 54 <sup>s</sup> 85, 58'' 8; 9 <sup>m</sup> .0.
1079	81 69	Berlin, Tietjen	Arg.-Oeltzen 3728	4.24	29.6	Bonn A.G.C. 2819, 59 <sup>s</sup> 34, 23'' 2; 7 <sup>m</sup> .5.
1080	74 75	Washington	B. D. 483	18.2	28' 9	Cf. Publ. XVIII u. Noten. Bonn A.G.C. 2840, 3 <sup>s</sup> .88, 29'' 1; 8 <sup>m</sup> .2. A. N. Declin. $+ 1''$ corrigirt nach A. N. 78, 167.

NUM- MER.	NUMMER.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
	der nördl. u. südl. Bonner- Durchmus- terung.	NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
1081	+ 15° 474	9.0	9.0	9.0	84.00	80.0	3h 15m 52s.77	2	+ 3.3598	+0.0148	0.000	+15° 54' 42" 5	2	13" 165	— 0" 375	— 0" 15
1082	+ 0 578	9.0	9.0	10	74.9	74.0	16 6.02	2	3.0774	+0.0084	+0.001	+ 0 17 31.1	2	13.150	0.344	0.12
1083	+ 35 680	9.4	....	9.4	70.88	70.0	16 9.06	2	3.7943	+0.0286	—0.003	+35 34 22.7	2	13.147	0.424	0.21
1084	+ 0 580	9.3	9.3	10	74.9	74.0	16 26.53	4	3.0765	+0.0084	+0.001	+ 0 14 29.3	4	13.127	0.345	0.12
1085	— 9 653	8.9	....	9	70.11	70.0	17 0.89	1	2.9019	+0.0055	+0.002	— 9 32 46.1	1	13.090	0.326	0.10
1086	— 8 643	6.5	7	6-7	82.07	82.0	17 11.69	2	2.9256	+0.0058	+0.002	— 8 14 1.9	3	13.078	0.329	0.10
1087	+ 15 478	9.4	9.5	9.4	84.01	80.0	17 23.81	3	3.3602	+0.0148	—0.001	+15 51 1.1	3	13.064	0.377	0.15
1088	+ 31 595	8.2	8.2	8.2	79.8	79.0	17 27.78	4	3.7046	+0.0252	—0.002	+31 56 8.0	4	13.060	0.416	0.19
1089	+ 0 584	9.5	9.5	10	74.9	74.0	17 29.45	2	3.0741	+0.0084	+0.001	+ 0 6 16.9	2	13.058	0.346	0.12
1090	+ 9 437	8.2	9	8	73.92	70.0	18 12.25	3	3.2437	+0.0119	0.000	+ 9 34 0.8	3	13.011	0.365	0.12
1091	+ 11 469	7.7	8.0	8	84.00	80.0	18 18.27	1	3.2894	+0.0129	0.000	+12 2 33.9	1	13.004	0.371	0.11
1092	+ 6 529	9.2	....	9.0	65.9	65.0	19 13.57	1	3.1987	+0.0108	0.000	+ 7 3 24.0	1	12.942	0.362	0.15
1093	+ 11 474	8.2	....	8	70.9	70.0	19 17.33	4	3.2901	+0.0129	0.000	+12 2 29..	..	12.938	0.372	0.14
1094	+ 35 691	9.2	....	9.2	70.93	70.0	19 23.79	2	3.8132	+0.0287	—0.004	+35 56 42.5	2	12.931	0.431	0.21
1095	— 9 658	9.8	....	9.8	72.82	70.0	19 46.07	1	2.9062	+0.0056	+0.002	— 9 13 9.0	1	12.906	0.330	0.10
1096	+ 49 944	6.5	....	7.0	69.93	70.0	19 55.15	2	4.2673	+0.0477	—0.007	+49 24 44.7	2	12.896	0.482	0.20
1097	+ 46 757	8.3	9	...	64.87	65.0	19 56.82	2	4.1678	+0.0430	—0.006	+46 56 8.6	2	12.894	0.471	0.27
1098	+ 14 562	9.0	9	9.0	79.96	75.0	20 9.32	1	3.3470	+0.0142	—0.001	+15 0 28.4	1	12.880	0.380	0.15
1099	+ 11 476	9.5	....	...	78.91	76.0	20 16.87	4	3.2896	+0.0128	0.000	+11 58 11.0	4	12.872	0.373	0.14
1100	» »	»	9.5	...	84.00	80.0	16.99	1	»	»	»	8.7	1	»	»	»
1101	+ 19 537	7.0	....	...	69.93	70.0	20 49.23	2	3.4467	+0.0168	—0.002	+20 1 37.8	2	12.835	0.392	0.19
1102	+ 7 510	9.0	9	9.0	65.05	65.0	20 51.28	2	3.2102	+0.0110	0.000	+ 7 38 48.3	2	12.833	0.365	0.15
1103	+ 7 511	8.0	9	9	66.02	65.0	20 56.13	2	3.2041	+0.0109	0.000	+ 7 18 49.8	2	12.828	0.365	0.15
1104	» »	»	....	8.5	65.9	65.0	56.34	2	»	»	»	47.2	2	»	»	»
1105	+ 46 761	7.9	8	8	64.47	65.0	21 1.17	2	4.1770	+0.0431	—0.007	+47 3 41.7	2	12.822	0.474	0.27
1106	.....	...	....	6.1	77.08	75.0	21 6.01	3	2.5311	+0.0020	+0.003	—27 45 28.5	3	12.817	0.289	0.07
1107	+ 21 465	8.3	(8)	9	67.07	65.0	21 6.18	2	3.4798	+0.0177	—0.002	+21 37 22.8	2	12.817	0.396	0.16
1108	+ 20 573	7.2	....	8	82.05	80.0	21 35.44	5	3.4510	+0.0168	—0.002	+20 11 20.4	5	12.784	0.393	0.16
1109	+ 11 477	9.5	....	9.6	78.99	76.0	21 43.74	1	3.2877	+0.0127	0.000	+11 48 19.9	1	12.774	0.375	0.14
1110	+ 11 478	9.5	....	9.5	78.99	76.0	21 47.35	2	3.2873	+0.0127	0.000	+11 47 8.7	2	12.770	0.375	0.14
1111	+ 36 698	7.2	....	7.8	70.83	70.0	22 10.01	2	3.8279	+0.0287	—0.005	+36 12 21.8	2	12.745	0.436	0.21
1112	+ 14 566	9.0	9	9.0	79.96	75.0	22 23.22	1	3.3452	+0.0141	—0.001	+14 47 58.9	1	12.730	0.382	0.15
1113	+ 36 710	8.6	8.0	8.1	74.01	70.0	23 38.15	5	3.8514	+0.0292	—0.006	+36 54 7.8	5	12.645	0.441	0.21
1114	+ 34 670	9.5	9-10	9.5	79.95	75.0	23 39.21	2	3.7966	+0.0273	—0.004	+34 55 0.7	2	12.644	0.435	0.21
1115	+ 5 502	6.7	7.0	6.7	68.8	68.0	24 7.14	4	3.1771	+0.0102	0.000	+ 5 45 35.2	4	12.612	0.365	0.15
1116	+ 7 514	8.7	9	9	66.00	65.0	24 10.47	2	3.2172	+0.0111	—0.001	+ 7 56 22.3	2	12.609	0.370	0.15
1117	+ 46 767	8.5	....	8-9	71.32	70.0	24 35.16	3	4.1886	+0.0425	—0.008	+46 59 48.8	3	12.581	0.481	0.27
1118	» »	»	....	8.5	71.3	71.0	35.25	..	»	»	»	49.6	..	»	»	»
1119	+ 46 768	9.3	....	9	64.97	65.0	25 0.11	1	4.1687	+0.0415	—0.008	+46 26 20.4	1	12.552	0.479	0.27
1120	+ 15 499	8.3	....	9	84.00	80.0	25 53.00	2	3.3549	+0.0141	—0.002	+15 7 21.6	2	12.492	0.388	0.15

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1081	111 169	Berlin, Knorre	A.N. 109, 172, mikr. Anschluss	52 <sup>s</sup> 85	43" 4	A. N. Declin. — 1' corrigirt; siehe Noten.
1082	86 176	Cambr. (M), Rogers	Harvard Zones 34 u. 35 Nr. 58	5.78	29.8	
1083	77 265	Leiden, Valentiner	Lund A. G. Z. 100, 107 u. 117	9.16	21.2	
1084	86 176	Cambr. (M), Rogers	Harv. Zones 30 u. 32 Nr. 102	26.16	31.0	
1085	81 69	Berlin, Tietjen	Weisse, 276 B. Z. 266 u. 267	0.35	34.3	Siehe Noten. E.B. { 0 <sup>s</sup> 0000 — 0" 247 nach Paris Cat. 4034. S. Noten. 0.000 — 0.23 » Porter Cat. Pr. Mot. Nr. 228.
1086	102 299	Berlin, Leman	Paris Cat, 4034	11.62	0.8	
1087	111 169	Berlin, Knorre	B. B. VI 478	23.59	58.4	
1088	100 249	Königsberg, Rahts	Leiden A. G. Z. 267 u. 338	27.79	6.4	
1089	86 175	Cambr. (M), Rogers	Harv. Zones 30 u. 32 Nr. 105	29.03	16.7	Bloss in A. R. scharf bestimmt. Lund A. G. Z. 117 u. 121; 23 <sup>s</sup> .90, 42" 4; 9 <sup>m</sup> .3.
1090	84 227	Berlin, Knorre	Paris Cat, 4047	12.16	1.3	
1091	111 169	Berlin, Knorre	Glasgow Cat. I 792	18.25	31.2	
1092	69 364	Königsberg, Sievers	Yarnall 1468	13.69	23.0	
1093	77 367	Durham, Plummer	Glasgow Cat. I 795	17.21	28.9	Bonn A. G. C. 2908, 55 <sup>s</sup> .08, 42" 7; 6 <sup>m</sup> .1. S. Noten. Bonn A. G. C. 2909, 56 <sup>s</sup> .68, 7" 0; 8 <sup>m</sup> .2.
1094	77 265	Leiden, Becker u. [Valentiner]	B. B. VI 691	23.90	44.6	
1095	81 69	Berlin, Tietjen	B. D. 658	47.0	13' 3	
1096	81 69	Berlin, Tietjen	Yarnall 1470	55.01	43" 5	
1097	69 68	Berlin, Romberg	Kam 625	56.79	9.0	Duplex praec. Siehe Noten.
1098	97 327	Pola, J. Palisa	B. D. 562	8.3	0' 9	
1099	94 307	Kremsmünster	A.N. 88, 245 mikr. Anschluss	16.57	8" 4	
1100	111 169	Berlin, Knorre	.....	.....	.....	
1101	81 69	Berlin, Tietjen	Kam 628	49.26	37.9	Bonn A. G. C. 2928, 1 <sup>s</sup> .19, 40" 7; 8 <sup>m</sup> .4.
1102	69 68	Berlin, Romberg	B. B. VI 510	51.12	50.9	
1103	69 68	Berlin, Romberg	Weisse, 344 B. Z. 142	56.05	48.9	
1104	69 364	Königsberg, Sievers	Schjellerup 1015	55.91	49.1	
1105	69 68	Berlin, Romberg	Arg.-Oeltzen 3821	1.14	41.4	Berlin A. G. Z. 24 u. 28, 6 <sup>s</sup> .21, 22" 1; 8 <sup>m</sup> .5. Berlin A. G. Z. 169 u. 178, 35 <sup>s</sup> .46, 20" 5; 7 <sup>m</sup> .9.
1106	91 209	Pola, J. Palisa	Cordoba G. C. 3743	5.85	29.4	
1107	69 68	Berlin, Romberg	Weisse, 415 B. Z. 27	6.11	20.6	
1108	111 50	Hamburg, Schrader	Weisse, 424 B. Z. 391	35.80	22.3	
1109	94 307	Kremsmünster	B. B. VI 477	43.56	22.5	Nicht in B. B. VI gefunden, obgleich in B. D. angegeben.
1110	94 307	Kremsmünster	B. D. 478	45.7	47' 8	
1111	77 265	Leiden, Valentiner	Paris Cat, 4117	9.99	21" 6	
1112	97 327	Pola, J. Palisa	B. D. 566	23.6	48' 8	
1113	104 195	Leipzig, Engelmann	Lund A. G. Z. 117 u. 121	38.26	7" 2	Lund A. G. Z. 117 u. 121, 10 <sup>s</sup> .08, 22" 0; 7 <sup>m</sup> .2.
1114	97 327	Pola, J. Palisa	B. D. 670	37.8	54' 2	
1115	74 75	Washington	Paris Cat, 4150	7.00	34" 8	
1116	69 68	Berlin, Romberg	Weisse, 402 B. Z. 142	10.10	25.6	
1117	81 69, 78 234, 82 300.	Berlin, Tietjen	Arg.-Oeltzen 3888	34.99	46.6	A. N. Declin. + 1" corrigirt; cf. A.N. 78, p. 167.
1118	77 287 u. 378	Berlin	Bonn A. G. C. 2987	35.11	46.9	
1119	69 68	Berlin, Romberg	Arg.-Oeltzen 3894	59.89	18.0	
1120	111 169	Berlin, Knorre	Weisse, 436 B. Z. 141	52.86	22.7	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800 +												
1121	+ 14° 575	8.3	....	8	67.9	67.0	3h 26m 37s.77	2	+ 3s 3387	+0s 0136	-0s 002	+14° 15' 19" 7	2	12" 440	-0" 387	- 0" 14	
1122	- 7 624	7.7	8	7.7	82.09	82.0	27 31.61	1	2.9275	+0.0060	+0.001	- 7 50 10.0	1	12.379	0.341	0.10	
1123	-- 7 625	8.2	8	8	82.08	82.0	27 34.71	1	2.9272	+0.0060	+0.001	- 7 51 5.6	1	12.376	0.341	0.10	
1124	.....	11	10-11	...	79.96	75.0	27 51.85	3	3.5563	+0.0191	-0.004	+24 41 7.5	3	12.356	0.414	0.16	
1125	+ 19 562	7.0	....	7-8	64.47	65.0	29 11.16	2	3.4500	+0.0161	-0.003	+19 39 10.5	2	12.265	0.403	0.16	
1126	+ 36 732	7.0	...	7	69.99	70.0	29 49.86	1	3.8716	+0.0287	-0.006	+37 1 5.5	1	12.220	0.453	0.22	
1127	+ 21 489	8.7	....	9	67.07	65.0	30 5.22	2	3.4996	+0.0173	-0.003	+21 56 18.8	2	12.202	0.410	0.16	
1128	+ 24 522	9.1	9	...	79.96	75.0	30 48.48	2	3.5606	+0.0189	-0.003	+24 39 49.7	2	12.152	0.418	0.16	
1129	.....	...	10.8	10.5	73.98	70.0	31 1.64	6	2.9695	+0.0066	+0.001	- 5 30 41.3	6	12.137	0.350	0.11	
1130	+ 51 760	8.8	....	9.0	80.9	80.0	31 18.57	3	4.4163	+0.0503	-0.011	+51 35 59.5	3	12.117	0.518	0.29	
1131	- 8 688	8.3	8.5	9	82.08	82.0	31 49.39	2	2.9211	+0.0059	+0.001	- 8 3 41.3	2	12.081	0.345	0.10	
1132	+ 22 526	7.8	(9)	8	67.07	65.0	32 12.47	2	3.5133	+0.0175	-0.003	+22 25 53.8	2	12.054	0.415	0.16	
1133	+ 50 800	7.8	....	8-9	68.8	68.0	32 17.09	2	4.3647	+0.0475	-0.011	+50 24 45.2	2	12.049	0.514	0.29	
1134	» » »	»	....	8.2	69.98	70.0	17.25	2	»	»	»	42.7	2	»	»	»	
1135	+ 45 799	8.5	....	8.7	70.71	70.0	32 39.47	3	4.1711	+0.0392	-0.010	+45 45 43.7	3	12.023	0.492	0.25	
1136	» » »	»	....	...	71.3	71.0	39.58	..	»	»	»	42.9	..	»	»	»	
1137	+ 20 607	7.0	....	7	69.95	70.0	33 5.36	2	3.4835	+0.0166	-0.003	+20 59 55.2	2	11.993	0.412	0.16	
1138	+ 14 592	8.8	....	8.8	67.9	67.0	33 13.71	3	3.3552	+0.0136	-0.002	+14 46 58.8	3	11.983	0.397	0.14	
1139	+ 12 501	8.8	....	9	70.9	70.0	33 35.46	1	3.3138	+0.0127	-0.003	+12 41 2..	..	11.958	0.393	0.13	
1140	+ 17 610	9.5	....	9.5	68.8	68.0	34 53.59	3	3.4183	+0.0149	-0.003	+17 48 10.6	3	11.866	0.407	0.15	
1141	» » »	»	....	...	68.04	65.0	53.69	1	»	»	»	8.0	1	»	»	»	
1142	» » »	»	9.4	...	69.00	68.0	53.76	2	»	»	»	11.3	2	»	»	»	
1143	+ 29 597	8.5	....	9	64.92	65.0	35 18.69	2	3.6902	+0.0220	-0.005	+29 47 40.0	2	11.836	0.439	0.18	
1144	+ 9 474	9.5	9.5	9.5	70.85	70.0	35 23.52	2	3.2606	+0.0115	-0.002	+ 9 53 40.4	2	11.830	0.389	0.12	
1145	- 7 658	8.5	8.5	8-9	82.08	82.0	36 1.15	2	2.9271	+0.0060	+0.001	- 7 38 39.1	2	11.786	0.350	0.10	
1146	+ 12 504	8.3	....	9	69.9	70.0	36 8.29	3	3.3152	+0.0125	-0.002	+12 39 13.0	3	11.778	0.396	0.14	
1147	» » »	»	....	...	70.9	70.0	8.33	2	»	»	»	11..	..	»	»	»	
1148	+ 25 599	7.4	....	8	69.93	70.0	36 14.87	3	3.5998	+0.0193	-0.005	+25 58 55.8	3	11.770	0.430	0.16	
1149	+ 15 524	7.9	....	8	84.9	84.0	36 17.50	..	3.3831	+0.0140	-0.003	+16 1 16.1	..	11.767	0.404	0.14	
1150	+ 17 617	9.0	....	9	68.02	65.0	37 27.16	2	3.4117	+0.0145	-0.003	+17 21 4.0	2	11.684	0.409	0.14	
1151	» » »	»	....	...	68.0	67.0	27.24	..	»	»	»	5.0	..	»	»	»	
1152	+ 22 537	8.9	....	...	65.00	65.0	37 28.52	3	3.5307	+0.0174	-0.005	+22 52 28.8	3	11.683	0.423	0.14	
1153	+ 22 545	8.0	....	8	67.07	65.0	38 26.19	3	3.5294	+0.0172	-0.005	+22 45 18.8	3	11.615	0.425	0.14	
1154	+ 18 537	8.4	....	9	68.10	65.0	38 51.16	1	3.4305	+0.0148	-0.004	+18 10 25.7	1	11.585	0.413	0.15	
1155	+ 23 522	4.5	5	4.5	67.07	65.0	38 54.56	2	3.5482	+0.0177	-0.005	+23 33 27.1	2	11.581	0.428	0.15	
1156	+ 50 825	6.0	....	6.8	69.97	70.0	39 5.94	2	4.3900	+0.0461	-0.015	+50 20 50.4	2	11.567	0.528	0.28	
1157	+ 51 778	7.8	....	9	69.93	70.0	39 20.51	2	4.4431	+0.0483	-0.016	+51 26 10.1	2	11.550	0.535	0.28	
1158	+ 22 553	9.4	....	9.3	66.06	65.0	39 27.64	2	3.5330	+0.0172	-0.005	+22 50 57.5	2	11.542	0.426	0.15	
1159	+ 17 625	8.8	....	8.8	68.9	68.0	39 46.33	3	3.4256	+0.0147	-0.004	+17 53 37.3	3	11.519	0.414	0.15	
1160	» » »	»	8.8	...	68.04	65.0	46.38	1	»	»	»	36.0	1	»	»	»	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1121	74 247	Königsberg, Lorek	Paris Cat, 4199	37 <sup>s</sup> 74	19"0	Karlsruhe IV p. 150, 31 <sup>s</sup> .62, 13"'.6; 7 <sup>m</sup> .7.
1122	102 299	Berlin, Leman	Karlsruhe II p. 208	31.53	15.4	
1123	102 299	Berlin, Leman	Weisse, 479 B.Z. 264	34.92	7.2	
1124	97 327	Pola, J. Palisa	A.N. 94 167 mikr. Anschluss	51.92	7.6	
1125	69 68	Berlin, Romberg	Paris Cat, 4244	11.11	7.9	
1126	81 69	Berlin, Tietjen	Paris Cat, 4256	49.90	59.9	Lund A.G.Z. 100 u. 107, 49 <sup>s</sup> .98, 0"'.2; 6 <sup>m</sup> .9.
1127	69 68	Berlin, Romberg	Weisse, 620-1 B.Z. 27 u. 393	5.07	14.8	Berlin A.G.Z. 19,20 u. 358, 5 <sup>s</sup> .16, 16"'.0; 8 <sup>m</sup> .9.
1128	97 327	Pola, J. Palisa	A.N. 94 167 mikr. Anschluss	48.59	50.6	Siehe Noten.
1129	104 195	Leipzig, Engelmann	Pulkowa, mikr. Anschluss	1.4	30'6	
1130	100 275	Washington	Cambridge (M), A.G.C. 1552	18.44	1"2	
1131	102 299	Berlin, Leman	Weisse, 564 B.Z. 264	49.83	37.5	Berlin A. G. Z. 24, 26, 28, 35 u. 367, 12 <sup>s</sup> .51, 51"'.2; 8 <sup>m</sup> .1.
1132	69 68	Berlin, Romberg	Paris Cat, 4296	12.58	52.3	
1133	78 291	Leiden, Kam	Arg.-Oeltzen 4005	17.23	48.2	
1134	81 69	Berlin, Tietjen	Cambridge (M), A.G.C. 1556	16.91	45.2	
1135	81 69	Berlin, Tietjen	Bonn A. G. C. 3092	39.57	43.6	
1136	77 287 und 378	Berlin	.....	.....	.....	A. N. 77 378 A. R. 0 <sup>s</sup> .11 kleiner Decl. 1"'.0 nördlicher.
1137	81 69	Berlin, Tietjen	Paris Cat, 4317	5.17	51.5	Berlin A.G.Z. 19,20 u. 341, 5 <sup>s</sup> .16, 53"'.5; 7 <sup>m</sup> .5.
1138	74 247	Königsberg, Lorek	B. D. 592	16.3	46'9	Kam 647. 34 <sup>s</sup> .81, 55"'.9. Siehe Noten.
1139	77 367	Durham, Plummer	Glasgow Cat. I 858	35.45	5"4	
1140	78 293	Leiden, Kam	B. D. 610	54.0	48'4	
1141	72 113	Berlin, Romberg	»	»	»	A. N. 77 204 A. R. 0 <sup>s</sup> .03 grösser, Decl. 0"'.4 südlicher.
1142	78 367 und 382	Leipzig, Engelmann	»	»	»	
1143	69 68	Berlin, Romberg	Weisse, 739 B.Z. 398	18.39	43"6	
1144	77 265 und 204	Leiden, Becker und [Valentiner]	B. D. 474	25.1	53'9	
1145	102 299	Berlin, Leman	Weisse, 664 B.Z. 264	1.87	41"1	
1146	76 53	Königsberg, Lorek	Weisse, 660 B. Z. 137	8.50	11.6	Bloss in A.R. scharf bestimmt.
1147	77 367	Durham, Plummer	.....	.....	.....	
1148	81 69	Berlin, Tietjen	Paris Cat, 4378	14.91	56.8	
1149	111 109	Washington	Weisse, 782 B.Z. 337	17.21	16.2	
1150	72 113	Berlin, Romberg	Weisse, 810 B.Z. 337	27.29	3.5	
1151	70 329	Berlin, Romberg	Rümker N. F. 1905	26.88	0.7	Wahrscheinlich dieselbe Bestimmung als Nr. 1150.
1152	69 68	Berlin, Romberg	Rümker N.F. 1904	28.53	34.4	Berlin A.G.Z. 204 u. 409, 28 <sup>s</sup> .49, 26"'.7; 8 <sup>m</sup> .9.
1153	69 68, 67 210	Berlin, Romberg	Rümker 967	26.22	18.7	n Pleiadum, A. N. 67 Decl. 1"'.2 nördlicher.
1154	72 113	Berlin, Romberg	Weisse, 849 B.Z. 506	51.51	26.1	Berlin A.G.Z. 204, 26 <sup>s</sup> .17, 16"'.2; 7 <sup>m</sup> .0.
1155	69 68	Berlin, Romberg	Pulkowa Cat. 1875.0, 854	54.55	26.5	E.B. — 0 <sup>s</sup> .0005, — 0"'.042 nach Pulk. Cat. Berl A.G.Z.
1156	81 69	Berlin, Tietjen	Pulkowa Cat. 1875.0, 855	5.85	48.3	[192 u. 194, 54 <sup>s</sup> .54, 25"'.4; 4 <sup>m</sup> .5.
1157	81 69	Berlin, Tietjen	Paris Cat, 4439	19.03	4.8	O.Σ. 63 Cambr. (M), A. G. C. 1600, 5 <sup>s</sup> .93, 49"'.7; 7 <sup>m</sup> .0.
1158	69 68	Berlin, Romberg	Berlin A.G.Z. 367 u. 411	27.57	56.7	E.B. S.Noten, Cambr. (M), A.G.C. 1604, 19 <sup>s</sup> .51, 6"'.3; 7 <sup>m</sup> .5.
1159	78 293 u. 382	Leiden, Kam	B. D. 625	45.5	53'3	A. N. — 1' corrigirt. Siehe Noten.
1160	72 113	Berlin, Romberg	.....	.....	.....	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied.
1161	+ 17° 625	8.8	9.0	8.8	68.97	68.0	3 <sup>h</sup> 39 <sup>m</sup> 46 <sup>s</sup> 44	3	+ 3.4256	+0.0147	-0.004	+17° 53' 37" 8	3	11" 519	-0" 414	- 0" 15
1162	- 20 700	7.3	....	7.5	63.98	65.0	39 48.50	2	2.6539	+0.0034	+0.002	-20 54 58.3	2	11.516	0.322	0.07
1163	+ 22 556	8.5	8	8	65.57	65.0	40 0.70	2	3.5267	+0.0170	-0.005	+22 32 3.5	2	11.502	0.426	0.15
1164	+ 16 513	8.2	8	8.0	68.08	65.0	40 53.89	2	3.3991	+0.0140	0.003	+16 34 30.3	2	11.438	0.412	0.14
1165	+ 22 563	6.9	7	6.7	66.07	65.0	40 56.95	2	3.5393	+0.0172	0.005	+23 2 8.4	2	11.434	0.429	0.15
1166	+ 22 565	8.5	8	8-9	66.20	65.0	41 20.50	2	3.5362	+0.0171	0.003	+22 52 31.9	2	11.406	0.429	0.14
1167	.....	...	....	8½	84.7	84.0	41 20.55	1	0.8332	+0.0248	0.016	-63 50 33.3	1	11.406	0.105	0.05
1168	+ 15 534	8.2	....	8.0	67.9	67.0	41 37.10	3	3.3696	+0.0133	0.003	+15 7 11.5	3	11.386	0.409	0.14
1169	+ 23 557	4.0	4	4.0	67.07	65.0	41 43.96	2	3.5548	+0.0175	0.005	+23 40 11.0	2	11.378	0.432	0.14
1170	+ 37 833	6.5	6.5	6.5	84.00	80.0	41 50.95	2	3.9170	+0.0277	0.009	+37 29 28.3	2	11.370	0.475	0.19
1171	+ 16 514	7.6	(7)	...	68.10	65.0	41 51.87	1	3.3897	+0.0137	0.003	+16 4 40.2	1	11.369	0.412	0.14
1172	+ 23 567	7.9	....	7-8	68.8	68.0	42 29.84	2	3.5628	+0.0176	0.005	+23 58 1.3	2	11.323	0.434	0.15
1173	+ 24 578	7.7	....	7.7	68.8	68.0	43 0.83	2	3.5669	+0.0177	0.005	+24 6 51.5	2	11.286	0.435	0.15
1174	+ 20 644	9.0	9.5	...	75.99	80.0	43 9.63	1	3.4870	+0.0158	0.004	+20 33 48.1	1	11.275	0.425	0.15
1175	+ 22 579	9.0	9.2	...	74.00	70.0	43 38.42	2	3.5433	+0.0170	0.005	+23 2 53.5	2	11.240	0.433	0.15
1176	+ 39 878	8.3	8.4	8.4	79.8	79.0	43 41.93	4	3.9975	+0.0299	0.011	+39 52 48.0	4	11.236	0.488	0.22
1177	+ 24 583	7.7	7.7	8	84.00	80.0	43 56.05	4	3.5839	+0.0180	0.005	+24 47 0.5	4	11.219	0.438	0.15
1178	+ 19 603	9.5	....	9.5	78.92	78.0	44 3.82	4	3.4658	+0.0152	0.004	+19 32 41.2	4	11.210	0.424	0.15
1179	.....	...	....	9	84.8	84.0	44 28.89	1	0.8411	+0.0240	0.015	-63 33 0.2	1	11.179	0.107	0.05
1180	+ 4 592	8.7	8.9	8.5	65.13	65.0	44 32.65	1	3.1652	+0.0093	0.001	+ 4 47 14.7	1	11.175	0.388	0.10
1181	+ 25 632	8.1	....	8.0	64.91	65.0	44 37.29	1	3.6104	+0.0186	0.005	+25 51 12.6	1	11.169	0.442	0.16
1182	+ 24 587	7.5	8	7-8	84.00	80.0	44 43.00	4	3.5852	+0.0179	-0.006	+24 47 25.2	4	11.162	0.439	0.16
1183	.....	...	....	4.1	77.08	75.0	44 46.58	3	2.2478	+0.0025	+0.002	-36 34 47.0	3	11.158	0.277	0.05
1184	+ 46 816	8.5	....	8.7	64.70	65.0	44 53.69	1	4.2260	+0.0376	-0.014	+46 4 31.1	1	11.149	0.517	0.25
1185	+ 24 590	9.0	....	...	69.97	70.0	45 31.48	2	3.5918	+0.0180	0.005	+25 0 56.9	2	11.103	0.441	0.16
1186	+ 59 736	7.0	....	7.0	82.7	82.0	45 52.14	2	4.9466	+0.0687	0.026	+59 15 55.0	2	11.078	0.606	0.37
1187	+ 59 737	9.5	....	9.5	82.7	82.0	46 37.06	2	4.9703	+0.0692	0.027	+59 31 35.7	2	11.024	0.610	0.37
1188	+ 45 841	9.1	....	9.1	65.09	65.0	46 41.73	2	4.2270	+0.0371	0.014	+45 56 54.6	2	11.018	0.520	0.25
1189	+ 54 722	9.1	....	10	69.9	70.0	46 59.44	1	4.6410	+0.0536	0.022	+54 31 24.4	1	10.996	0.571	0.30
1190	+ 25 642	8.6	....	8-9	65.54	65.0	47 9.16	2	3.6013	+0.0180	0.006	+25 18 54.4	2	10.984	0.444	0.15
1191	+ 16 527	7.0	7.0	7.0	69.93	70.0	47 20.15	2	3.3985	+0.0135	0.004	+16 15 2.8	2	10.971	0.420	0.14
1192	+ 19 614	9.0	9	8.6	68.10	65.0	47 28.14	1	3.4738	+0.0151	0.005	+19 43 55.6	1	10.961	0.429	0.14
1193	+ 19 616	8.8	....	8.8	68.05	65.0	47 44.77	1	3.4741	+0.0150	0.005	+19 43 45.2	1	10.941	0.429	0.14
1194	+ 18 558	8.6	....	9	68.0	67.0	48 6.12	..	3.4588	+0.0147	0.005	+19 0 56.1	..	10.915	0.428	0.14
1195	» » »	8.9	...	...	68.01	65.0	6.14	2	»	»	»	55.1	2	»	»	»
1196	+ 23 586	9.0	9	8.9	65.03	65.0	48 21.85	2	3.5594	+0.0169	0.012	+23 27 41.0	2	10.896	0.440	0.09
1197	+ 20 664	8.2	8.5	8	77.09	75.0	48 48.96	2	3.4903	+0.0153	0.005	+20 24 15.3	2	10.862	0.432	0.14
1198	+ 23 589	8.6	8-9	8	65.01	65.0	49 11.91	2	3.5551	+0.0167	0.005	+23 13 48.4	2	10.834	0.441	0.14
1199	+ 20 671	9.5	....	9.5	73.05	70.0	50 40.97	1	3.4991	+0.0153	0.005	+20 41 55.9	1	10.725	0.436	0.14
1200	+ 14 630	8.4	9	8.4	65.12	65.0	50 41.07	2	3.3645	+0.0126	0.004	+14 30 22.0	2	10.725	0.419	0.15

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
1161	78 367	Leipzig, Engelmann	.....	.....	.....	Derselbe Stern wie Nr. 1160.
1162	69 68	Berlin, Romberg	B. B. VI p. 339 Nr. 78	48 <sup>s</sup> 54	57 <sup>m</sup> 6	Cincinnati Zones 511, 48 <sup>s</sup> .37, 59 <sup>m</sup> .6. Siehe Noten.
1163	69 68, 67 120	Berlin, Romberg	Weisse, 865 B. Z. 393	0.81	1.8	Berlin A. G. Z. 210 u. 360, 0 <sup>s</sup> .63, 1 <sup>m</sup> .0; 8 <sup>m</sup> .4.
1164	72 113	Berlin, Romberg	Yarnall 1692	53.81	30.6	
1165	69 68, 67 120	Berlin, Romberg	Pulkowa Cat. 1875.0, 867	56.95	6.9	A. N. 67 A. R. 0 <sup>s</sup> .02 kleiner, Declin. 1 <sup>m</sup> .1 nördlicher.
1166	69 68	Berlin, Romberg	Paris Cat, 4470	20.26	30.4	Berlin A. G. Z. 176, 341, 407, 56 <sup>s</sup> .97, 6 <sup>m</sup> .2; 6 <sup>m</sup> .2, E. B. S. Noten.
1167	112 144	Cap	Cordoba G. C. 4183	20.70	32.5	Berlin A. G. Z. 204, 20 <sup>s</sup> .41, 28 <sup>m</sup> .8; 8 <sup>m</sup> .6
1168	74 247	Königsberg, Lorek	Yarnall 1704	36.76	10.3	
1169	69 68	Berlin, Romberg	Auwers Fund. C. A. G. Nr. 62	43.93	9.4	27 Tauri E. B. — 0 <sup>s</sup> .0003 — 0 <sup>m</sup> .047 nach Auwers.
1170	111 169 und 223	Berlin, Knorre	Armagh Cat. II 467	50.69	27.8	Lund A. G. Z. 69 u. 81, 50 <sup>s</sup> .90, 28 <sup>m</sup> .0; 6 <sup>m</sup> .7
1171	72 113	Berlin, Romberg	A. N. 71, 281 mikr. Anschluss	52.04	44.0	Rümker N. F. 1956, 51 <sup>s</sup> 57, 44 <sup>m</sup> .8; 7 <sup>m</sup> .8.
1172	78 291	Leiden, Kam	Paris Cat, 4490	29.97	1.5	Berlin A. G. Z. 38 u. 41, 29 <sup>s</sup> .79, 0 <sup>m</sup> .4; 7 <sup>m</sup> .8.
1173	78 291	Leiden, Kam	Pulkowa Cat. 1875.0, 876	0.68	50.3	Berlin A. G. Z. 170, 196 u. 411, 0 <sup>s</sup> .72, 49 <sup>m</sup> .8; 8 <sup>m</sup> .0.
1174	88 19	Berlin, Becker	A. N. 108436 mikr. Anschluss	9.58	49.5	Berlin A. G. Z. 169, 362 u. 424, 9 <sup>s</sup> .52, 48 <sup>m</sup> .3; 9 <sup>m</sup> .3.
1175	84 229	Berlin, Knorre	Rümker N F. 1968	38.38	54.4	Berlin A. G. Z. 30, 32, 184 u. 189, 38 <sup>s</sup> .64, 52 <sup>m</sup> .1; 8 <sup>m</sup> .9.
1176	100 249	Königsberg, Rahts	B. B. VI 878	42.11	48.4	Lund A. G. Z. 69 u. 81, 42 <sup>s</sup> .07, 48 <sup>m</sup> .5; 8 <sup>m</sup> .5.
1177	111 169	Berlin, Knorre	Weisse, 946 B. Z. 395	56.07	59.8	Bonn A. G. C. 3222, 42 <sup>s</sup> .14, 47 <sup>m</sup> .5; 8 <sup>m</sup> .4.
1178	94 297	Kremsmünster	B. B. VI 603	3.51	36.4	Berlin, A. G. Z. 176, 206 u. 211, 56 <sup>s</sup> .07, 59 <sup>m</sup> .8; 8 <sup>m</sup> .0.
1179	112 144	Cap	Cordoba Z. C. 1347	28.87	0.2	
1180	69 68	Berlin, Romberg	Albany A. G. C. 1125	32.68	13.7	
1181	69 68	Berlin, Romberg	B. B. VI 632	37.80	13.7	Duplex praec. der seq. ist B. B. VI 633. Siehe Noten.
1182	111 169	Berlin, Knorre	Paris Cat, 4530	43.14	28.2	Berlin A. G. Z. 9, 33 u. 211, 42 <sup>s</sup> .97, 25 <sup>m</sup> .8; 7 <sup>m</sup> .6.
1183	91 209	Pola, J. Palisa	Cordoba G. C. 4256	46.73	48.2	g Eridani.
1184	69 68	Berlin, Romberg	Bonn A. G. C. 3236	53.53	29.2	
1185	81 69	Berlin, Tietjen	Rümker 1012	31.18	54.7	Berlin A. G. Z. 9, 33 u. 404, 31 <sup>s</sup> .40, 55 <sup>m</sup> .0; 8 <sup>m</sup> .8.
1186	110 196	Albany, Tucker	Pulkowa Cat. 1875.0, 886	52.38	52.3	E. B. — 0 <sup>s</sup> .0420 + 0 <sup>m</sup> .167 nach Pulk. Helsf. A. G. C. 3274,
1187	110 196	Albany, Tucker	Helsingfors A. G. C. 3281	36.76	37.0	[52 <sup>s</sup> 52, 54 <sup>m</sup> .5; 7 <sup>m</sup> .2. Siehe Noten.
1188	69 68	Berlin, Romberg	B. D. 841	41.7	56 <sup>m</sup> 3	
1189	76 53	Königsberg, Lorek	Arg.-Oeltzen 4267	59.20	25 <sup>m</sup> 1	Cambridge (M), A. G. C. 1653, 59 <sup>s</sup> .41, 20 <sup>m</sup> .9; 8 <sup>m</sup> .9.
1190	69 68	Berlin, Romberg	Paris Cat, 4562	9.23	52.6	
1191	81 69	Berlin, Tietjen	Yarnall 1754	20.14	6.4	
1192	72 113	Berlin, Romberg	Yarnall 1755	27.91	55.4	A. N. Dupl. praec. bor.
1193	72 113, 105 267	Berlin, Romberg	Yarnall 1760	44.65	45.9	
1194	70 329	Berlin, Romberg	Weisse, 1024 B. Z. 391	5.82	57.8	Vermuthlich schon in der folgenden Nummer begriffen.
1195	72 113	Berlin, Romberg	.....	.....	.....	
1196	69 68, 67 120	Berlin, Romberg	Berlin A. G. Z. 30 u. 32	21.79	37.8	
1197	91 209	Pola, J. Palisa	Weisse, 1036 B. Z. 391	49.01	14.3	Berlin A. G. Z. 169, 178 u. 411, 48 <sup>s</sup> .96, 15 <sup>m</sup> .1; 8 <sup>m</sup> .4.
1198	69 68, 67 120	Berlin, Romberg	Paris Cat, 4590	11.86	45.1	Berlin A. G. Z. 30, 32 u. 411, 11 <sup>s</sup> .84, 45 <sup>m</sup> .0; 8 <sup>m</sup> .6.
1199	84 241	Berlin, Tietjen	B. D. 671	40.3	43 <sup>m</sup> 0	
1200	69 68	Berlin, Romberg	B. D. 630	39.8	30.1	

NUM- MER.	NUMMER	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.			
	der nördl. u. südl. Bonner- Durchmus- terung.	NACH			DER				1875.0					1875.0			
		B. D	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
							1800 +										
1201	+ 20° 672	9.2	....	9	68.09	70.0	3h 50m 44s.15	1	+ 3.4907	+0.0151	-0.005	+20° 18' 59" 7	1	10.721	-0.435	- 0" 14	
1202	" "	"	....	9.0	68.09	67.0	44.23	2	"	"	"	57.0	2	"	"	"	
1203	+ 52 734	8.5	....	8-9	69.97	70.0	50 55.70	2	4.5502	+0.0481	0.021	+52 35 15.6	2	10.706	0.566	0.28	
1204	+ 15 557	8.4	....	9	65.9	65.0	50 55.79	2	3.3808	+0.0128	0.004	+15 15 58.3	2	10.706	0.421	0.14	
1205	+ 22 610	8.8	...	8.1	?	77.0	50 56.47	1	3.5462	+0.0163	0.006	+22 44 43.1	1	10.706	0.442	0.15	
1206	+ 16 536	9.3	....	9.3	69.93	70.0	51 6.18	2	3.3994	+0.0132	0.005	+16 7 59.5	2	10.694	0.424	0.15	
1207	+ 23 597	9.2	9.3	9.0	65.07	65.0	51 9.24	2	3.5654	+0.0167	0.006	+23 33 16.1	2	10.690	0.444	0.15	
1208	+ 23 598	9.3	9	9.0	65.09	65.0	51 9.82	2	3.5641	+0.0167	0.006	+23 29 53.2	2	10.689	0.444	0.15	
1209	+ 20 674	8.6	....	8-9	73.05	70.0	51 17.54	2	3.5018	+0.0153	0.005	+20 47 12.7	2	10.680	0.437	0.14	
1210	+ 23 600	8.0	9	7-8	65.99	65.0	51 37.38	2	3.5593	+0.0165	0.006	+23 16 7.1	2	10.655	0.444	0.14	
1211	+ 42 863	9.3	....	9.3	72.82	70.0	52 7.76	1	4.1163	+0.0317	0.013	+42 37 52.8	1	10.617	0.514	0.21	
1212	+ 20 678	9.3	....	9.3	73.01	70.0	52 21.58	1	3.4873	+0.0149	0.005	+20 5 20.4	1	10.601	0.436	0.14	
1213	+ 37 854	9.3	9.3	9.3	83.98	80.0	52 27.25	2	3.9420	+0.0263	0.011	+37 27 29.2	2	10.593	0.493	0.20	
1214	+ 20 680	8.0	....	7-8	73.98	73.0	52 29.73	2	3.5069	+0.0153	0.005	+20 57 4.1	2	10.590	0.439	0.14	
1215	" "	"	....	8	73.77	70.0	29.76	1	"	"	"	2.0	1	"	"	"	
1216	+ 52 745	8.7	....	10	70.01	70.0	53 20.33	3	4.5502	+0.0470	0.020	+52 24 24.5	3	10.528	0.569	0.27	
1217	.....	...	11.4	...	73.94	70.0	53 27.93	3	4.4773	+0.0441	0.020	+50 59 11.9	3	10.518	0.560	0.26	
1218	+ 19 643	7.0	....	7.5	73.00	70.0	53 50.12	2	3.4835	+0.0147	0.005	+19 50 50.2	2	10.491	0.437	0.14	
1219	+ 50 886	9.5	10.7	9.5	74.04	70.0	53 57.97	4	4.4780	+0.0440	0.020	+50 57 49.6	4	10.481	0.561	0.26	
1220	- 6 799	8.4	9	9	82.07	82.0	54 10.99	2	2.9375	+0.0061	0.000	- 6 44 23.1	3	10.465	0.370	0.09	
1221	+ 26 665	8.8	....	8.8	68.8	68.0	54 18.56	2	3.6301	+0.0178	0.007	+26 3 22.5	2	10.455	0.456	0.16	
1222	" "	"	....	...	68.9	68.0	18.63	2	"	"	"	23.5	2	"	"	"	
1223	+ 21 573	8.8	....	9	73.06	70.0	54 24.07	1	3.5173	+0.0153	0.005	+21 18 25.4	1	10.448	0.442	0.14	
1224	+ 49 1090	9.0	9.2	9.0	80.8	80.0	54 46.71	1	4.4148	+0.0413	0.020	+49 36 24.6	1	10.420	0.554	0.26	
1225	+ 22 621	8.1	8.1	8	84.00	80.0	54 52.75	2	3.5356	+0.0156	0.005	+22 4 20.7	2	10.413	0.445	0.14	
1226	+ 43 881	9.2	....	9.2	79.95	75.0	54 57.47	2	4.1634	+0.0325	0.016	+43 40 28.2	2	10.407	0.523	0.21	
1227	+ 15 571	9.1	....	9	65.9	65.0	55 6.35	3	3.3826	+0.0126	0.004	+15 11 19.5	3	10.396	0.426	0.13	
1228	+ 20 688	8.8	....	9	67.9	67.0	55 27.27	1	3.5047	+0.0149	-0.005	+20 42 8.3	1	10.369	0.442	0.14	
1229	" "	"	....	8.1	67.99	65.0	27.28	1	"	"	"	8.6	1	"	"	"	
1230	- 22 727	7.0	....	7.0	65.06	65.0	55 47.44	2	2.5948	+0.0034	+0.001	-22 37 40.8	2	10.344	0.329	0.07	
1231	+ 52 759	8.1	....	8	68.8	68.0	56 3.53	3	4.5784	+0.0470	-0.020	+52 43 48.7	3	10.324	0.577	0.26	
1232	+ 14 643	8.0	8	9	65.03	65.0	56 5.58	2	3.3609	+0.0121	0.004	+14 8 7.7	2	10.322	0.425	0.12	
1233	+ 20 692	8.0	....	9	67.9	67.0	56 38.53	..	3.5065	+0.0149	0.006	+20 43 26.5	..	10.280	0.443	0.15	
1234	" "	"	8	8.7	67.95	65.0	38.56	2	"	"	"	25.9	2	"	"	"	
1235	" "	"	8	8-9	68.11	68.0	38.90	2	"	"	"	26.0	2	"	"	"	
1236	+ 25 670	8.3	8.9	9	80.00	75.0	57 11.56	2	3.6293	+0.0174	0.007	+25 51 18.3	2	10.239	0.459	0.14	
1237	- 7 728	8.2	8.5	8-9	82.08	82.0	57 14.49	2	2.9257	+0.0059	0.001	- 7 15 42.9	2	10.235	0.371	0.09	
1238	+ 12 547	7.7	8	7-8	67.58	65.0	57 22.48	1	3.3201	+0.0113	0.003	+12 9 45.2	1	10.225	0.421	0.12	
1239	+ 25 671	8.4	....	9	?	77.0	57 22.57	1	3.6109	+0.0170	0.007	+25 5 40.2	1	10.225	0.457	0.14	
1240	- 10 823	8.2	9.4	9.3	78.00	75.0	57 27.31	2	2.8507	+0.0108	0.000	-10 54 4.5	2	10.219	0.361	0.08	



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1201	84 241	Berlin, Tietjen	Weisse, 1078 B.Z. 391	44 <sup>s</sup> 47	58 <sup>m</sup> 0	
1202	78 291	Leiden, Kam	Berlin A.G.Z. 169 u. 360	44.10	56.6	A. N. Declin. — 10 <sup>m</sup> .7 corrigirt. Siehe Noten.
1203	81 69	Berlin, Tietjen	Arg.-Oeltzen 4317-18	56.25	13.3	Cambridge (M), A.G.C. 1666, 56 <sup>s</sup> .18, 15 <sup>m</sup> .7; 8 <sup>m</sup> .3.
1204	69 364	Königsberg, Sievers	Weisse, 1083 B.Z. 337	55.95	55.6	
1205	89 216	Marseille, Stephan	Yarnall 1781	56.40	43.5	Berlin A.G.Z. 26, 35, 365, 56 <sup>s</sup> .48, 43 <sup>m</sup> .1; 8 <sup>m</sup> .6.
1206	81 69	Berlin, Tietjen	B.D. 536	5.1	7 <sup>m</sup> 7	
1207	69 69	Berlin, Romberg	Berlin A.G.Z. 30	9.11	14 <sup>m</sup> 6	
1208	69 69, 67 120	Berlin, Romberg	Rümker N. F. 2033	9.46	53.1	Berlin A. G. Z. 32, 9 <sup>s</sup> .83, 50 <sup>m</sup> .9; 9 <sup>m</sup> .0.
1209	84 241	Berlin, Tietjen	Paris Cat, 4629	17.54	13.6	Berlin A. G. Z. 7, 14, 404, 17 <sup>s</sup> .57, 13 <sup>m</sup> .6; 8 <sup>m</sup> .2.
1210	69 69, 67 120	Berlin, Romberg	Paris Cat, 4636	37.47	3.9	Berlin A. G. Z. 30 u. 32, 37 <sup>s</sup> .37, 3 <sup>m</sup> .7; 7 <sup>m</sup> .7.
1211	81 69	Berlin, Tietjen	B. D. 863	8.4	38 <sup>m</sup> 1	
1212	84 241	Berlin, Tietjen	B. D. 678	22.4	6.1	
1213	111 169 u. 223	Berlin, Knorre	B. D. 854	23.1	27.5	
1214	86 313, 89 35	Leiden, E. Bakhuyzen	Paris Cat, 4647	29.69	5 <sup>m</sup> 0	A. N. Declin. + 6 <sup>m</sup> corrigirt nach A. N. 89, 24.
1215	84 241	Berlin, Tietjen	Weisse, 1114-5; B.Z. 391 u. 393	29.85	3.6	Berlin A.G.Z. 169 u. 178, 29 <sup>s</sup> .79, 2 <sup>m</sup> .9; 7 <sup>m</sup> .8. A.N. corrig. S. N.
1216	81 69	Berlin, Tietjen	Lalande 7338	19.40	19.9	Cambr.(M) A.G.C. 1685, 20 <sup>s</sup> .56, 24 <sup>m</sup> .6; 8 <sup>m</sup> .6. Nicht im Par. Cat.
1217	104 195	Leipzig, Engelmann	Leiden, mikrom. Anschluss	27.1	59 <sup>m</sup> 3	Siehe Noten
1218	84 241	Berlin, Tietjen	Pulkowa Cat. 1875.0, 908	50.18	49 <sup>m</sup> 0	E. B. — 0 <sup>s</sup> 0009 — 0 <sup>m</sup> 03 nach Pulk. Cat.
1219	104 195	Leipzig, Engelmann	B. D. 886	53.5	58 <sup>m</sup> 8	Identität fraglich, siehe Noten.
1220	102 299	Berlin, Leman	Weisse, 1045 B. Z. 264	11.29	24 <sup>m</sup> 0	
1221	78 291	Leiden, Kam	B. D. 665	17.9	3 <sup>m</sup> 7	
1222	74 247	Königsberg, Lorek	.....	.....	.....	
1223	84 241	Berlin, Tietjen	Weisse, 1146 B. Z. 393	23.95	22 <sup>m</sup> 2	Berlin A. G. Z. 7, 14, 407, 24 <sup>s</sup> .10, 24 <sup>m</sup> .5; 8 <sup>m</sup> .7.
1224	100 251	Königsberg, Rahts	Arg.-Oeltzen 4403	46.57	27.2	Bonn A. G. C. 3345, 46 <sup>s</sup> .51, 18 <sup>m</sup> .7; 9 <sup>m</sup> .1.
1225	111 169	Berlin, Knorre	Paris Cat, 4672	52.76	19.9	Berlin A. G. Z. 206, 212, 409, 52 <sup>s</sup> .77, 20 <sup>m</sup> .1; 8 <sup>m</sup> .2.
1226	97 327	Pola, J. Palisa	B. D. 881	0.0	40 <sup>m</sup> 3	
1227	69 364	Königsberg, Sievers	Weisse, 1164 B. Z. 337	6.11	17 <sup>m</sup> 7	
1228	70 243	Berlin	Weisse, 1166 B. Z. 391	27.57	9.6	A. N. verbunden mit einem mikr. bestimmten Stern.
1229	72 113, 102 288	Berlin, Romberg	Berlin A. G. Z. 169 u. 358	27.32	8.1	
1230	69 69	Berlin, Romberg	Yarnall 1800	47.55	42.7	Radcliffe Cat. 1890.0 948, 47 <sup>s</sup> .37, 40 <sup>m</sup> .9; 7-8 <sup>m</sup> .
1231	78 291	Leiden, Kam	Arg.-Oeltzen 4422-3	3.79	47.2	Cambridge (M), A. G. C. 1706, 3 <sup>s</sup> .58, 48 <sup>m</sup> .1; 8 <sup>m</sup> .2.
1232	69 69	Berlin, Romberg	Paris Cat, 4687	5.42	5.2	
1233	70 219	Berlin, Romberg	Weisse, 1191 B. Z. 391	38.40	24.2	
1234	72 113	Berlin, Romberg	Berlin A. G. Z. 169 u. 178	38.57	25.7	A. N. Declin — 10 <sup>m</sup> corrigirt. Siehe Noten.
1235	71 176	Leipzig, Engelmann	Lalande 7480	37.29	22.9	Nicht im Pariser Cat. E. B. nach Engelmann.
1236	97 327	Pola, J. Palisa	Weisse, 1196 B. Z. 396	11.50	15.7	
1237	102 299	Berlin, Leman	Lalande 7538	14.28	41.0	Paris Cat, 4710 14 <sup>s</sup> .37, Declin. fehlt; 9 <sup>m</sup> . Radcliffe Cat. 1890.0 952, 14 <sup>s</sup> .34, 41 <sup>m</sup> .8; 8 <sup>m</sup> .
1238	69 69	Berlin, Romberg	Paris Cat, 4715	22.39	45.0	
1239	89 216	Marseille, Stephan	Weisse, 1200 B. Z. 396	22.82	37.0	Berlin A. G. Z. 192 u. 194, 22 <sup>s</sup> .63, 40 <sup>m</sup> .3; 8 <sup>m</sup> .5.
1240	92 369	Pola J. Palisa	Schjellerup 1273	27.35	....	Siehe Noten.

NUM- MER.	NUMMER. der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
1241	+ 16° 554	9.0	9	9	68.8	68.0	3h 57m 30s 51	1	+ 3s.4083	+0s.0129	-0s.005	+16° 16' 59" 0	1	10" 215	-0" 432	- 0" 14
1242	» »	»	8.8	9	69.98	69.0	30.70	2	»	»	»	58.3	2	»	»	»
1243	.....	...	8.9	...	72.09	72.0	57 37.43	1	3.4966	+0.0146	0.006	+20 14 30.8	1	10.207	0.443	0.13
1244	+ 20 695	8.5	9.1	9.0	72.09	72.0	57 37.33	1	3.5028	+0.0147	0.006	+20 30 50.2	1	10.207	0.444	0.13
1245	» »	»	....	8.9	85.7	85.0	37.45	..	»	»	»	49.4	..	»	»	»
1246	» »	»	....	9	68.10	65.0	37.57	1	»	»	»	49.1	1	»	»	»
1247	- 11 790	9.3	9-10	9.3	78.00	75.0	57 39.05	2	2.8407	+0.0051	0.000	-11 22 36.3	2	10.205	0.361	0.08
1248	+ 23 613	7.8	....	9	65.99	65.0	57 47.72	2	3.5718	+0.0161	0.006	+23 27 14.2	2	10.194	0.453	0.13
1249	» »	»	8	8.2	65.55	65.0	47.81	2	»	»	»	15.9	2	»	»	»
1250	+ 21 588	8.7	8.7	8.2	80.90	75.0	57 57.28	5	3.5310	+0.0152	0.006	+21 42 57.9	5	10.182	0.448	0.14
1251	- 11 791	9.0	9	9.0	78.01	75.0	57 58.51	1	2.8432	+0.0051	0.000	-11 14 41.1	1	10.180	0.362	0.08
1252	+ 25 675	7.5	8	7-8	80.00	75.0	58 29.73	2	3.6316	+0.0173	0.008	+25 52 13.7	2	10.141	0.461	0.14
1253	+ 27 634	8.5	....	8-9	69.96	70.0	59 4.17	3	3.6654	+0.0180	0.008	+27 10 54.0	3	10.098	0.466	0.15
1254	+ 20 701	8.7	....	8.5	67.9	67.0	59 47.76	..	3.5147	+0.0147	0.006	+20 55 28.7	..	10.042	0.448	0.13
1255	» »	»	8.9	8.8	67.95	65.0	47.88	2	»	»	»	28.7	2	»	»	»
1256	+ 37 881	6.0	6.0	6.0	84.00	80.0	59 59.82	2	3.9574	+0.0251	0.013	+37 23 48.8	2	10.027	0.504	0.19
1257	+ 22 636	9.1	....	9.1	68.9	68.0	4 0 35.17	..	3.5549	+0.0154	0.007	+22 35 55.4	..	9.983	0.454	0.13
1258	+ 14 657	6.5	6.7	6.6	63.93	65.0	0 37.61	2	3.3792	+0.0121	0.004	+14 49 36.8	2	9.980	0.432	0.12
1259	+ 16 559	7.5	....	8	69.93	70.0	0 47.59	2	3.4092	+0.0126	0.004	+16 11 39.9	2	9.967	0.436	0.12
1260	» »	»	7.8	...	70.10	70.0	0 47.76	1	»	»	»	40.5	1	»	»	»
1261	+ 23 624	7.2	8	7	65.99	65.0	1 22.92	2	3.5783	+0.0158	0.008	+23 32 15.8	2	9.922	0.458	0.13
1262	+ 23 625	9.3	9.3	...	73.97	70.0	1 23.06	2	3.5869	+0.0160	0.008	+23 53 25.3	2	9.922	0.459	0.13
1263	+ 30 623	8.8	8.8	8.8	70.58	70.0	1 26.12	4	3.7552	+0.0197	0.010	+30 26 32.1	3	9.918	0.480	0.16
1264	+ 19 671	9.0	....	9.0	72.99	72.0	1 38.88	1	3.4916	+0.0141	0.006	+19 50 11.0	1	9.902	0.447	0.13
1265	+ 31 714	7.0	7.7	7.0	66.92	66.0	1 44.20	2	3.7798	+0.0203	0.010	+31 18 59.6	2	9.895	0.484	0.16
1266	» »	»	....	8	67.07	65.0	44.24	2	»	»	»	60.1	2	»	»	»
1267	+ 23 627	7.5	...	7.5	65.8	65.0	2 14.55	..	3.5844	+0.0158	0.007	+23 44 32.3	..	9.857	0.459	0.13
1268	» »	»	7.8	...	65.01	65.0	2 14.57	3	»	»	»	32.0	3	»	»	»
1269	+ 11 579	9.0	9.0	9.0	67.88	67.0	2 44.85	2	3.3018	+0.0107	0.003	+11 8 16.0	2	9.818	0.424	0.11
1270	+ 24 629	8.7	9	8.8	80.00	75.0	3 2.48	2	3.6170	+0.0164	0.007	+25 1 57.6	2	9.796	0.464	0.14
1271	+ 0 705	9.3	....	9-10	70.11	70.0	3 6.07	1	3.0898	+0.0076	0.001	+ 0 51 40.2	1	9.791	0.397	0.09
1272	+ 11 580	8.7	9	8.7	67.10	65.0	3 23.70	2	3.3025	+0.0106	0.003	+11 9 24.7	2	9.769	0.425	0.11
1273	+ 21 601	9.0	8.8	9	69.87	69.0	3 45.80	2	3.5339	+0.0147	0.006	+21 33 26.0	2	9.741	0.455	0.13
1274	» »	»	9	8.9	68.04	65.0	45.89	2	»	»	»	25.3	2	»	»	»
1275	+ 26 688	9.5	....	...	77.08	75.0	3 51.22	3	3.6516	+0.0171	0.008	+26 21 56.8	3	9.734	0.470	0.14
1276	+ 16 567	6.5	....	7	69.94	70.0	3 55.69	3	3.4145	+0.0124	0.005	+16 19 7.9	3	9.727	0.440	0.12
1277	+ 26 692	9.1	....	...	85.7	85.0	4 58.63	1	3.6496	+0.0169	0.008	+26 13 27.6	1	9.648	0.471	0.14
1278	» »	»	....	...	82.03	80.0	58.69	3	»	»	»	30.7	3	»	»	»
1279	+ 39 956	7.0	....	7.0	72.90	71.0	5 17.56	1	4.0343	+0.0261	0.015	+39 21 28.2	1	9.623	0.520	0.20
1280	+ 22 650	9.0	....	8.9	68.9	68.0	5 39.01	1	3.5649	+0.0151	0.007	+22 46 3.2	1	9.596	0.461	0.14

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1241	72 45, 74 75	Washington	Weisse, 1210 B.Z. 337	30 <sup>s</sup> 94	55"6	A.N. Declin. + 1" corrigirt; cf. A.N. 78 167 Siehe Noten.
1242	76 44	Leipzig, Engelmann	.....	.....	.....	
1243	81 365	Leipzig, Engelmann	.....	.....	.....	
1244	81 365	Leipzig, Engelmann	Yarnall 1809	37.49	49.3	A.N. A.R. — 2 <sup>s</sup> .95 corrigirt. Siehe Noten. Controlestern.
1245	Publ. XVIII der A.G. S. 47	Pulkowa, Romberg	Berlin A.G.Z. 169, 178 u. 365	37.57	48.5	
1246	72 113	Berlin, Romberg	Weisse, 1212, B.Z. 391	37.89	51.3	
1247	92 369	Pola, J. Palisa	B. D. 790	38.9	22'.9	Leiden getrennt von 9 Year Cat. 375.
1248	67 27	Leiden, Kam u. van [Hennekeler	Weisse, 1213 B.Z. 395	47.90	12"7	
1249	69 69	Berlin, Romberg	Berlin, A.G.Z. 30, 192 u. 194	47.74	13.0	
1250	110 291	Leiden E. Bakhuyzen [Stieltjes, Wilterdink	Berlin, A.G.Z. 14, 206 u. 212	57.30	57.3	
1251	92 369	Pola, J. Palisa	B. D. 791	58.2	14'.6	Nicht im Pariser Cat.
1252	97 327	Pola, J. Palisa	Lalande 7547-8	29.65	14"5	
1253	81 69	Berlin, Tietjen	Weisse, 1239-40 B.Z. 396, 397	4.41	51.5	
1254	70 219	Berlin, Romberg	Yarnall 1822	47.79	27.8	Wahrscheinlich in der folgenden Nr. schon aufgenommen.
1255	72 113	Berlin, Romberg	Berlin A.G.Z. 169, 178 u. 365	47.88	27.2	
1256	111 169 und 223	Berlin, Knorre	Pulkowa Obs. [Vol VIII p. 241 [Nr. 598	59.02	54.0	
1257	74 191	Berlin	B. D. 636	33.7	35'.7	Dupl. seq. bor. maj. Σ 495. Siehe Noten.
1258	69 69	Berlin, Romberg	Pulkowa Cat. 1875.0, 938	37.53	35"1	
1259	81 69	Berlin, Tietjen	Weisse, 1281-2 B.Z. 330 u. 337	47.76	39.9	
1260	79 74	Leipzig, Engelmann	Rümker N. F. 2118	47.36	41.9	
1261	69 69, 67 120	Berlin, Romberg	Paris Cat, 4790	22.98	13.3	Berlin A.G.Z. 38, 41, u. 407, 22 <sup>s</sup> .87, 13"0; 7 <sup>m</sup> .5.
1262	84 229	Berlin, Knorre	A.N. 84, 257 mikr. Anschluss	23.10	26.2	
1263	104 195	Leipzig, Engelmann	Leiden A.G.Z. 142 u. 400	26.16	31.5	
1264	82 13	Neuenburg, Becker	B.D. 671	38.3	51'.4	Siehe Noten.
1265	69 102	Leipzig, Engelmann	Leiden A.G.Z. 338 u. 404	44.25	0"8	
1266	69 69	Berlin, Romberg	Paris Cat, 4795	44.33	1.5	
1267	67 120	Berlin	Rümker 1097	14.30	30.6	Berlin A.G.Z. 30, 192 u. 194, 14 <sup>s</sup> .54, 28"9; 7 <sup>m</sup> .6 A. N. A. R. + 6 <sup>s</sup> .17 corrigirt. Siehe Noten.
1268	69 69	Berlin, Romberg	Pulkowa Cat. 1875.0, 943	14.60	29.5	
1269	71 175, 78 382	Leipzig, Engelmann	B. B. VI 579	44.98	13.5	
1270	97 327	Pola, J. Palisa	Berlin A. G. Z. 9 u. 33	2.57	59.7	
1271	81 69	Berlin, Tietjen	Harv. Zones 157, 158 Nr. 70	5.94	38.3	
1272	69 69	Berlin, Romberg	B. B. VI 580	23.90	25.1	
1273	76 44	Leipzig, Engelmann	Weisse, 19 B. Z. 393	46.03	24.9	
1274	72 113	Berlin, Romberg	Berlin A.G.Z. 7, 14 u. 360	45.77	24.8	
1275	91 209	Pola, J. Palisa	A.N. 87, 357 mikr. Anschluss	51.57	52.3	
1276	81 69	Berlin, Tietjen	Glasgow Cat. I 988	55.72	7.4	
1277	Publ. XVIII der A. G.	Pulkowa, Romberg	A. N. 85, 97, mikr. Anschluss	58.98	24.6	Controlestern cf. Publ. XVIII der A. G.
1278	111 50	Hamburg, Schrader	.....	.....	.....	
1279	81 351, 84 241	Berlin, Tietjen	Lund A.G.Z. 113 u. 125	17.62	29.5	
1280	74 248	Königsberg, Lorek	B. B. VI 650	38.73	0.3	Rouge jaune nach Lund. Berlin A.G.Z. 26, 35, 206 u. 212, 38 <sup>s</sup> .74, 1"0; 9 <sup>m</sup> .0.

NUM- MER.	NUMMER der nördl. u. süd. Bonner- Durchmus- terung.	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
1281	+ 26° 698	9.4	....	...	77.08	75.0	4h 6m 6s 32	3	+ 3.6478	+0.0167	-0.008	+26° 5' 37" 7	3	9" 561	-0" 472	- 0" 15
1282	+ 44 890	7.5	....	8	64.80	65.0	6 23.60	2	4.2259	+0.0312	0.019	+44 26 59.4	2	9.539	0.546	0.21
1283	+ 28 633	9.3	....	9.3	68.9	68.0	7 37.49	2	3.7273	+0.0182	0.010	+29 2 56.2	2	9.444	0.483	0.15
1284	+ 23 654	8.7	8	9	65.56	65.0	7 54.07	2	3.5918	+0.0153	0.007	+23 45 44.0	2	9.423	0.467	0.13
1285	+ 31 735	9.2	9.3	9.2	66.88	66.0	7 53.99	1	3.7847	+0.0194	0.011	+31 7 9.0	1	9.423	0.491	0.16
1286	» »	»	9	9	67.08	65.0	54.09	2	»	»	»	9.0	2	»	»	»
1287	+ 31 737	7.3	7.8	7.3	66.92	66.0	8 0.16	2	3.7922	+0.0195	0.011	+31 22 44.0	2	9.415	0.492	0.16
1288	+ 31 738	8.8	...	8.8	67.12	65.0	8 3.17	2	3.7926	+0.0195	0.011	+31 23 26.4	2	9.411	0.493	0.16
1289	+ 53 751	8.2	....	8.4	68.9	68.0	8 6.43	2	4.6782	+0.0456	0.032	+53 40 33.7	2	9.407	0.606	0.27
1290	+ 46 859	7.9	7.9	7.9	79.9	79.0	8 15.21	6	4.3118	+0.0333	0.022	+46 22 57.6	6	9.395	0.560	0.22
1291	+ 52 806	8.3	....	8-9	82.3	82.0	8 53.40	2	4.6229	+0.0433	0.028	+52 39 43.9	2	9.346	0.600	0.26
1292	+ 55 865	9.0	9-10	9.2	77.99	75.0	9 6.71	2	4.7779	+0.0488	0.033	+55 14 38.4	2	9.329	0.621	0.28
1293	+ 44 901	7.8	....	7.5	64.91	65.0	9 28.10	3	4.2311	+0.0305	0.020	+44 22 30.1	3	9.301	0.551	0.20
1294	+ 22 666	9.4	9.4	9.4	84.00	80.0	9 39.88	2	3.5597	+0.0145	0.007	+22 21 44.4	2	9.286	0.464	0.13
1295	+ 15 607	7.1	....	7	65.9	65.0	9 41.84	2	3.4099	+0.0119	0.005	+15 54 9.2	2	9.284	0.445	0.10
1296	- 6 858	9.3	9.8	9.3	82.04	82.0	9 44.16	2	2.9462	+0.0059	0.001	- 6 4 20.4	3	9.280	0.385	0.08
1297	+ 28 636	9.4	9.5	9.4	72.53	72.0	10 27.32	3	3.7292	+0.0178	0.010	+28 57 33.1	3	9.224	0.487	0.15
1298	- 6 861	9.1	8	9.3	82.09	82.0	10 31.81	1	2.9456	+0.0059	0.001	- 6 5 14.0	1	9.219	0.385	0.08
1299	+ 22 670	7.5	7.8	...	83.98	80.0	10 48.00	2	3.5643	+0.0145	0.008	+22 29 54.3	2	9.198	0.466	0.12
1300	+ 53 759	8.0	....	8	70.00	70.0	11 35.18	3	4.6746	+0.0439	0.030	+53 23 52.5	3	9.137	0.611	0.26
1301	- 5 873	9.3	9.7	9.3	82.04	82.0	11 49.93	2	2.9500	+0.0059	0.001	- 5 51 46.9	3	9.117	0.387	0.08
1302	+ 31 755	9.1	9.3	9.1	66.92	66.0	11 51.83	2	3.7980	+0.0190	0.011	+31 21 33.0	2	9.115	0.497	0.16
1303	» »	»	9	9.1	67.07	65.0	51.99	2	»	»	»	32.3	2	»	»	»
1304	+ 28 638	9.2	9.2	9.2	72.09	72.0	11 53.92	3	3.7311	+0.0176	0.010	+28 57 9.0	3	9.112	0.489	0.14
1305	+ 19 698	8.2	....	8	72.99	70.0	12 11.95	1	3.4976	+0.0131	0.006	+19 38 31.9	1	9.089	0.459	0.12
1306	+ 16 579	7.3	....	7.3	65.9	65.0	12 45.60	3	3.4193	+0.0118	0.006	+16 13 8.1	3	9.045	0.449	0.11
1307	+ 24 645	9.3	9.5	9.3	80.00	75.0	13 5.22	2	3.6087	+0.0150	0.009	+24 11 38.2	2	9.020	0.474	0.13
1308	» »	»	....	...	81.03	80.0	5.25	2	»	»	»	41.1	2	»	»	»
1309	+ 38 877	9.0	....	8.9	72.90	71.0	13 8.55	1	4.0278	+0.0241	0.016	+38 39 56.6	1	9.015	0.529	0.18
1310	+ 22 676	9.0	....	9	73.77	70.0	13 15.00	1	3.5706	+0.0143	0.007	+22 38 47.0	1	9.007	0.469	0.12
1311	+ 31 764	8.0	8.0	8.0	63.98	65.0	13 40.35	2	3.7996	+0.0189	0.011	+31 18 54.7	2	8.974	0.499	0.16
1312	.....	...	....	12	69.93	70.0	14 37.56	2	3.6393	+0.0154	0.009	+25 19 47.4	2	8.899	0.479	0.13
1313	- 8 835	10	10-11	10	77.98	75.0	14 54.30	3	2.8973	+0.0054	0.001	- 8 18 12.6	3	8.877	0.382	0.08
1314	+ 47 988	9.0	....	...	80.9	80.0	14 55.51	3	4.3902	+0.0335	0.024	+47 42 29.7	3	8.876	0.578	0.22
1315	- 6 879	7.2	6.5	7.2	82.08	82.0	15 30.47	2	2.9337	+0.0057	0.002	- 6 34 54.4	2	8.830	0.388	0.07
1316	+ 24 654	7.3	....	7-8	80.00	75.0	15 57.28	2	3.6100	+0.0147	0.008	+24 6 42.0	1	8.795	0.477	0.13
1317	+ 28 652	8.8	8.8	9	83.99	80.0	16 2.75	1	3.7231	+0.0168	0.010	+28 26 27.1	1	8.788	0.492	0.14
1318	+ 22 686	8.0	....	7	72.15	70.0	16 16.56	1	3.5745	+0.0140	0.007	+22 40 15.0	1	8.770	0.472	0.12
1319	+ 16 587	8.0	6.5	9	?	80.0	16 17.99	1	3.4247	+0.0116	0.006	+16 20 8.4	2	8.767	0.453	0.11
1320	» »	»	....	8.0	80.9	80.0	18.19	4	»	»	»	6.6	2	»	»	»

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1281	91 209	Pola, J. Palisa	A.N. 87 357 mikr. Anschluss	68.93	40° 9'	
1282	69 69	Berlin, Romberg	Paris Cat., 4881	25.02	58.2	Bonn A.G.C. 3490, 23 <sup>s</sup> .61, 58."3; 7 <sup>m</sup> .4. A.N. $\frac{A+B}{2}$ corr. s. Noten.
1283	78 291	Leiden, Kam	B. D. 633	36.1	2' 8"	
1284	69 69	Berlin, Romberg	Paris Cat., 4915	54.25	40° 9'	Berlin A. G. Z. 30, 32, 360, 54 <sup>s</sup> .03, 41".1; 8 <sup>m</sup> .3.
1285	69 102	Leipzig	Leiden A. G. Z. 142 u. 395	54.05	8.4	
1286	69 69	Berlin, Romberg	Weisse, 113 B. Z. 400	53.99	6.5	
1287	69 102	Leipzig	Leiden A. G. Z. 267 u. 338	0.26	43.6	Dupl. Pulk. Cat. 1875.0 960, 0 <sup>s</sup> .27, 43"0; 7 <sup>m</sup> .8. O.Σ. 77 $\frac{A+B}{2}$
1288	69 69	Berlin, Romberg	Leiden A. G. Z. 267 u. 405	3.19	25.4	Dupl. Pulk. Cat. 1875.0 961, 3 <sup>s</sup> .06, 25"2; 8 <sup>m</sup> .8. O.Σ. 77 C.
1289	78 291	Leiden, Kam	Cambridge (M), A.G.C. 1785	6.16	32.9	
1290	100 249	Königsberg, Rahts	Pulkowa Cat. 1875.0, 964	15.41	58.4	Bonn A. G. C. 3508, 15 <sup>s</sup> .46, 59".2; 8 <sup>m</sup> .0.
1291	102 170	Kiel, Schumacher	Arg.-Oeltzen 4650	53.46	45.2	Cambr. (M), A. G. C. 1791, 53 <sup>s</sup> .26, 47".9; 8 <sup>m</sup> .0. S. Noten.
1292	92 369	Pola, J. Palisa	Helsingfors A. G. C. 3471	6.79	39.4	
1293	69 69	Berlin, Romberg	Yarnall 1882	27.97	29.7	Bonn A. G. C. 3524, 27 <sup>s</sup> .89, 28".5; 8 <sup>m</sup> .2.
1294	111 169	Berlin, Knorre	B. D. 666	39.6	21' 8"	
1295	69 364	Königsberg, Sievers	Paris Cat., 4953	41.78	6" 6"	
1296	102 171	Leipzig, Weinek	B. D. 858	45.3	4' 5"	
1297	81 365	Leipzig, Engelmann	B. B. VI 636	27.20	32.4	
1298	102 301	Berlin, Leman	B. D. 861	31.3	5' 2"	
1299	111 169	Berlin, Knorre	Rümker 1143	47.88	54" 0"	Berlin A. G. Z. 26, 35, 192 u. 194, 48 <sup>s</sup> .02, 54".7; 7 <sup>m</sup> .3.
1300	81 69	Berlin, Tietjen	Arg.-Oeltzen 4691-2	34.83	52.0	Cambr. (M), 1809, 34 <sup>s</sup> .36, 53".2; 7 <sup>m</sup> .8. A. G. C. S. Noten.
1301	102 171	Leipzig, Weinek	B. D. 873	49.7	52' 1"	
1302	69 102	Leipzig	Leiden A. G. Z. 150 u. 246	51.96	32" 9"	
1303	69 69	Berlin, Romberg	Pulkowa Cat. 1875.0, 973	52.04	32.3	
1304	81 365	Leipzig, Engelmann	B. B. VI 638	53.75	8.2	
1305	84 241	Berlin, Tietjen	Weisse, 225 B. Z. 343	11.98	33.0	Cambr. (M), Cat. of 1213 Stars, Nr. 194, 11 <sup>s</sup> .99, 31".5. 8 <sup>m</sup> .2.
1306	69 364	Königsberg, Sievers	Pulkowa Cat. 1875.0, 980	45.53	9.4	O.Σ. 79 E.B. nach Pulk. + 0 <sup>s</sup> .0071 — 0".03 (Br. 584)
1307	97 327	Pola, J. Palisa	B. D. 645	3.7	11' 6"	
1308	111 51	Hamburg, Schrader	.....	.....	.....	
1309	81 351, 84 241	Berlin, Tietjen	Lund A. G. Z. 113 u. 125	8.48	57" 8"	
1310	84 241	Berlin, Tietjen	Weisse, 249 B. Z. 393	15.24	43.0	Berl. A. G. Z. 26, 35, 405, 14 <sup>s</sup> .99, 48".3; 9 <sup>m</sup> .1
1311	69 69	Berlin, Romberg	Leiden A. G. Z. 150 u. 403	40.16	54.0	
1312	81 69	Berlin, Tietjen	Pulkowa, mikr. Anschluss	38.7	19' 3"	Siehe Noten.
1313	92 369	Pola, J. Palisa	B. D. 835	55.5	18.1	
1314	100 275	Washington	Wash.Obs. 1880 Nr. 182	55.57	30.9	Bonn A. G. C. 3581, 55 <sup>s</sup> .57, 32".0; 9 <sup>m</sup> .0.
1315	102 301	Berlin, Leman	Greenw. 10 Year Cat. 691	30.36	55.2	
1316	97 327	Pola, J. Palisa	Paris Cat., 5051	57.38	42.5	Berlin A. G. Z. 9 u. 33, 57 <sup>s</sup> .28, 43".1; 7 <sup>m</sup> .5. E. B. + 0 <sup>s</sup> .0125, — 0'071 nach Paris Cat.
1317	111 169	Berlin, Knorre	A. N. 109, 172 mikr. Anschl.	2.90	26.5	
1318	84 241	Berlin, Tietjen	Paris Cat., 5061	16.37	16.4	Berlin A. G. Z. 26, 35, 409, 16 <sup>s</sup> .39, 15".9; 7 <sup>m</sup> .2.
1319	100 246	Washington	Kam 765-66	18.04	6.7	Dunsink Cat. of red stars, 34 <sup>s</sup> , 16 <sup>s</sup> .33, 16".2
1320	100 246	Königsberg, Rahts	Armagh Cat. II 541	18.14	14.6	Siehe Noten.

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.			
		NACH			DER				1875.0					1875.0			
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied.	
					1800	+											
1321	— 5° 892	9.3	9.3	9.3	82.04	82.0	4h 16m 25s 57	2	+ 28 9501	+0.0058	—0.002	— 5° 47' 48" 3	3	8" 758	—0' 391	— 0' 07	
1322	+ 23 684	6.5	....	6.0	80.00	75.0	16 27.65	2	3.6080	+0.0146	0.009	+24 0 26.6	2	8.755	0.477	0.12	
1323	+ 46 882	8.0	8.0	8	84.02	80.0	16 46.64	2	4.3525	+0.0318	0.024	+46 46 5.8	2	8.730	0.575	0.22	
1324	+ 2 700	8.5	....	8.3	77.90	77.0	17 10...	..	3.1300	+0.0076	0.003	+ 2 44 48.8	2	8.699	0.415	0.08	
1325	+ 29 712	8.0	8.7	8.6	72.09	72.0	17 48.40	3	3.7474	+0.0170	0.012	+29 14 17.3	3	8.649	0.497	0.14	
1326	+ 22 690	9.5	....	9.5	78.94	77.0	17 52.23	2	3.5672	+0.0137	0.007	+22 18 24.2	2	8.644	0.473	0.12	
1327	» »	»	9.5	...	83.99	80.0	52.68	1	»	»	»	26.2	1	»	»	»	
1328	+ 2 702	8.0	....	8.1	78.00	77.0	17 55.73	2	3.1186	+0.0074	0.003	+ 2 12 5.7	2	8.639	0.414	0.08	
1329	+ 22 692	9.3	....	9.3	73.77	70.0	18 5.83	1	3.5811	+0.0139	0.007	+22 51 41.5	1	8.626	0.475	0.12	
1330	+ 54 771	8.5	....	8.9	70.01	70.0	18 6.54	3	4.7515	+0.0436	0.036	+54 17 31.7	3	8.625	0.629	0.25	
1331	+ 31 776	5.0	....	5.0	68.9	68.0	18 9.12	2	3.8020	+0.0181	0.012	+31 9 18.4	2	8.621	0.504	0.15	
1332	+ 46 884	7.0	....	7	82.7	82.0	18 18.10	2	4.3481	+0.0312	0.025	+46 34 36.1	2	8.610	0.576	0.20	
1333	+ 16 596	9.4	....	9.3	69.93	70.0	18 36.96	2	3.4253	+0.0114	0.006	+16 17 23.4	2	8.585	0.455	0.10	
1334	+ 0 753	8.2	....	8.2	78.00	77.0	19 29.74	2	3.0880	+0.0071	0.002	+ 0 44 43.2	2	8.515	0.411	0.08	
1335	+ 16 601	8.2	....	8.0	80.7	80.0	19 29.85	3	3.4299	+0.0114	0.006	+16 27 42.9	3	8.515	0.456	0.10	
1336	+ 17 724	6.9	7.0	7.5	84.00	80.0	19 51.00	4	3.4640	+0.0118	0.006	+17 55 24.1	4	8.487	0.461	0.11	
1337	+ 23 698	8.8	....	9.0	80.00	75.0	20 48.03	2	3.6085	+0.0141	0.009	+23 50 11.6	2	8.412	0.481	0.12	
1338	+ 51 941	8.0	9	9.10	77.99	75.0	20 59.68	2	4.6279	+0.0384	0.033	+52 1 44.1	2	8.396	0.616	0.25	
1339	+ 22 702	8.9	....	8.7	79.00	77.0	21 2.98	3	3.5847	+0.0137	0.008	+22 52 56.5	3	8.392	0.478	0.12	
1340	.....	...	....	9½	84.8	84.0	21 51.81	1	0.3379	+0.0297	0.016	—66 1 12.2	1	8.327	0.048	0.07	
1341	+ 2 720	8.3	....	8.3	78.00	77.0	22 19.71	1	3.1168	+0.0072	0.003	+ 2 5 43.2	3	8.290	0.417	0.08	
1342	+ 32 806	6.5	....	6.5	68.9	68.0	22 37.34	2	3.8388	+0.0181	0.013	+32 10 57.7	2	8.267	0.513	0.15	
1343	+ 46 893	9.1	....	...	80.9	80.0	22 58.63	3	4.3662	+0.0302	0.025	+46 42 39.6	3	8.238	0.584	0.19	
1344	+ 12 600	9.3	....	9.3	77.09	75.0	22 59.30	2	3.3510	+0.0100	0.006	+12 52 46.7	2	8.238	0.449	0.10	
1345	+ 16 614	9.2	....	9	80.9	80.0	24 37.10	4	3.4446	+0.0111	0.006	+16 56 13.1	2	8.107	0.463	0.10	
1346	.....	...	....	8	84.9	84.0	24 46.90	1	0.3130	+0.0295	0.016	—66 5 29.3	1	8.094	0.045	0.07	
1347	+ 44 982	7.8	7.8	8	83.98	80.0	25 17.78	2	4.2857	+0.0274	0.024	+44 44 32.6	2	8.053	0.576	0.18	
1348	.....	...	11.2	...	74.02	70.0	25 25.91	4	2.9566	+0.0057	0.002	— 5 23 31.5	4	8.042	0.398	0.07	
1349	+ 31 795	8.5	....	8.5	68.8	68.0	25 57.24	3	3.8347	+0.0174	0.013	+31 52 40.6	3	8.000	0.516	0.15	
1350	+ 0 785	8.5	....	8.5	78.00	77.0	27 5.21	1	3.0885	+0.0068	0.002	+ 0 45 25.5	3	7.909	0.417	0.07	
1351	+ 3 617	8.9	....	9.0	77.99	77.0	27 13.09	1	3.1406	+0.0073	0.003	+ 3 11 1.5	2	7.899	0.424	0.08	
1352	+ 22 712	7.4	....	7.4	74.92	75.0	27 16.48	3	3.5796	+0.0128	0.008	+22 25 47.8	3	7.894	0.483	0.10	
1353	+ 32 814	7.6	....	7.6	70.11	70.0	27 25.20	1	3.8709	+0.0178	0.014	+33 0 41.4	1	7.882	0.522	0.14	
1354	+ 16 624	7.3	....	8	70.01	70.0	27 47.51	2	3.4421	+0.0108	0.006	+16 44 5.1	2	7.853	0.465	0.10	
1355	+ 16 627	9.2	9.2	9.2	80.9	80.0	28 23.91	1	3.4444	+0.0107	0.006	+16 48 49.2	1	7.804	0.466	0.10	
1356	+ 27 669	9.0	9	9	67.13	65.0	28 25.54	1	3.7270	+0.0151	0.012	+27 59 43.6	1	7.802	0.504	0.12	
1357	+ 1 777	9.0	....	8.6	77.98	77.0	29 16.31	2	3.0978	+0.0068	0.002	+ 1 11 12.1	2	7.733	0.420	0.07	
1358	+ 12 613	9.5	....	9.5	67.93	67.0	29 25.15	2	3.3541	+0.0095	0.006	+12 51 53.3	2	7.721	0.454	0.09	
1359	.....	...	8½	9.2	84.8	84.0	29 32.08	2	0.2501	+0.0297	0.015	—66 22 47.5	2	7.712	0.037	0.06	
1360	+ 23 718	9.3	9.3	9.3	68.9	68.0	30 13.03	3	3.6170	+0.0130	0.009	+23 47 30.8	3	7.657	0.491	0.10	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1321	102 171	Leipzig, Weinek	B. D. 892	25.5	48' 3	{ Berlin A.G.Z. 38, 41 u. 407, 27 <sup>s</sup> .67, 28 <sup>s</sup> .1; 6 <sup>m</sup> .6. E. B. nach Pulk. — 0 <sup>s</sup> .0002, — 0 <sup>s</sup> .020. Bonn A.G.C. 3601, 46 <sup>s</sup> .77, 5 <sup>s</sup> .0; 8 <sup>m</sup> .1. Pulk. Cat. 1875.0 995, 10 <sup>s</sup> .27, 45 <sup>s</sup> .9; 8 <sup>m</sup> .5.
1322	97 327	Pola, J. Palisa	Pulk. Obs. Vol. VIII, p. 243 [Nr. 648]	27.69	29 <sup>s</sup> .6	
1323	111 169 u. 221	Berlin, Knorre	Arg.-Oeltzen 4785	46.83	6.6	
1324	92 155	Königsberg, Franz	Albany A. G. C. 1291	10.47	47.0	
1325	81 365	Leipzig, Engelmann	Yarnall 1940	48.52	15.9	
1326	94 291	Kremsmünster	B. D. 690	52.0	18' 2	
1327	111 169	Berlin, Knorre	.....	.....	.....	
1328	92 155	Königsberg, Franz	Albany A. G. C. 1292	55.82	5 <sup>s</sup> .8	
1329	84 241	Berlin, Tietjen	B. D. 692	4.8	52' 0	
1330	81 69	Berlin, Tietjen	Arg.-Oeltzen 4799	6.47	34 <sup>s</sup> .2	
1331	78 291, 75 282	Leiden, Kam	Leiden A.G.Z. 142 u. 395	8.98	16.8	E.B. { + 0 <sup>s</sup> .0067 — 0 <sup>s</sup> .116 nach Bischof Nr. 293. + 0 <sup>s</sup> .00661 — 0 <sup>s</sup> .1063 nach A.N. 75, 333. Bonn A.G.C. 3618, 17 <sup>s</sup> .99, 36 <sup>s</sup> .4; 7 <sup>m</sup> .4. E.B. Siehe Noten.
1332	110 196	Albany, Tucker	Paris Cat, 5108	17.92	36.9	
1333	81 69	Berlin, Tietjen	B. B. VI 596	36.77	25.4	
1334	92 155	Königsberg, Franz	Pulkowa Cat. 1875.0, 1003	29.89	39.6	
1335	100 246	Königsberg, Rahts	Yarnall 1952	29.59	44.7	
1336	111 169	Berlin, Knorre	Pulkowa Cat. 1875.0, 1006	51.04	24.7	
1337	97 327	Pola, J. Palisa	Yarnall 1956	48.04	13.1	
1338	92 369	Pola, J. Palisa	Paris Cat, 5149	59.54	44.3	
1339	94 291	Kremsmünster	Berlin A. G. Z. 211 u. 360	2.75	53.6	
1340	112 144	Cap	Cordoba G. C. 4987	51.86	12.4	
1341	92 155	Königsberg, Franz	Albany A. G. C. 1315	19.63	39.8	Pulk. Cat. 1875.0 1015, 19 <sup>s</sup> .65, 40 <sup>s</sup> .1; 8 <sup>m</sup> .3. Ep. 3 Beob. 77.95. Pulk. Cat. 1875.0 1018, 37 <sup>s</sup> .18, 57 <sup>s</sup> .2, 6 <sup>m</sup> .0. O. Σ. 83.  A. N. + 1 <sup>m</sup> corrigirt. Siehe Noten.  Bonn A.G.C. 3693, 17 <sup>s</sup> .60, 33 <sup>s</sup> .3; 8 <sup>m</sup> .3. Siehe Noten.
1342	78 291	Leiden, Kam	Leiden A.G.Z. 150 u. 246	37.25	57.5	
1343	100 275	Washington	A.N. 107, 39 mikr. Anschluss	58.44	40.7	
1344	91 209	Pola, J. Palisa	B. D. 600	57.3	53' 5	
1345	100 246	Königsberg, Rahts	Weisse, 514 B.Z. 340	36.76	14 <sup>s</sup> .5	
1346	112 144	Cap.	Cordoba G. C. 5045	46.79	30.0	
1347	111 169 u. 221	Berlin, Knorre	Arg.-Oeltzen 4919	17.88	33.9	
1348	104 195	Leipzig, Engelmann	Pulkowa mikrom. Anschluss	25.8	23' 5	
1349	74 247	Königsberg, Lorek	Leiden, A. G. Z. 150 u. 246	57.19	37 <sup>s</sup> .8	
1350	92 155	Königsberg, Franz	Pulkowa Cat. 1875.0, 1032	5.26	22.6	
1351	92 155	Königsberg, Franz	Albany A. G. C. 1333	13.30	59 <sup>s</sup> .8	Σ 562 Berlin A.G.Z. 26, 35, 181, 185 u. 186, 16 <sup>s</sup> .75, 47 <sup>s</sup> .0; 6 <sup>m</sup> .7.  Nicht im Pariser Cat. Siehe Noten. Siehe Noten.  M, 871, 16 <sup>s</sup> .21, 12 <sup>s</sup> .1 A.N. Declin. — 1' corrigirt. A. N. 73 Declin. 0 <sup>s</sup> .3 südlicher. Siehe Noten. A.N. Declin. + 1 <sup>s</sup> corrigirt cf. A. N. 78 167.
1352	86 107	Hamburg, Lindstedt	Pulkowa Cat. 1875.0 1035	16.67	46.8	
1353	81 69	Berlin, Tietjen	Leiden A.G.Z. 155 u. 397	25.30	40.5	
1354	81 69	Berlin, Tietjen	Lalande 8610	47.14	18.6	
1355	100 246	Königsberg, Rahts	B. D. 627	23.4	49' 2	
1356	69 69	Berlin, Romberg	Weisse, 580 B.Z. 397	25.44	46 <sup>s</sup> .2	
1357	92 155	Königsberg, Franz	Albany A. G. C. 1340	16.33	10.9	
1358	71 175, 78 382	Leipzig, Engelmann	B. D. 613	25.6	51' 4	
1359	112 144	Cap.	Gill-Kapteyn Phot. D. M.	32.0	22.8	
1360	74 75	Washington	B. D. 718	13.6	48.5	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.			
		NACH			DER				1875.0					1875.0			
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
					1800 +												
1361	+ 2° 737	8.8	....	8.6	77.99	77.0	4h 30m 32s 38	1	+ 3s.1223	+0s.0069	-0s.0002	+ 2°19' 27"1	2	7"631	-0"425	- 0"07	
1362	+ 24 673	9.0	....	9	68.9	68.0	31 20.25	1	3.6367	+0.0132	0.010	+24 30 34.7	1	7.566	0.494	0.11	
1363	» »	»	....	9.0	70.01	70.0	20.63	2	»	»	»	29.6	2	»	»	»	
1364	+ 22 722	9.3	....	9.3	66.97	66.0	31 31.35	1	3.5745	+0.0123	0.009	+22 4 26.8	1	7.551	0.486	0.10	
1365	+ 17 760	9.3	....	9.3	74.02	73.0	31 53.05	2	3.4711	+0.0108	0.008	+17 50 28.3	2	7.522	0.473	0.10	
1366	+ 12 622	8.9	....	9	81.1	81.0	32 34.74	2	3.3560	+0.0093	0.006	+12 52 43.4	2	7.465	0.457	0.09	
1367	+ 1 789	8.5	....	8.4	78.03	77.0	32 39.85	2	3.1130	+0.0067	0.002	+ 1 52 50.5	2	7.459	0.425	0.07	
1368	+ 24 675	9.1	9.1	9.1	80.9	80.0	32 44.43	1	3.6459	+0.0132	0.010	+24 48 22.7	1	7.452	0.497	0.11	
1369	+ 12 623	9.3	....	9.3	81.1	81.0	32 51.43	1	3.3470	+0.0092	0.002	+12 28 40.2	1	7.443	0.456	0.09	
1370	+ 33 889	8.9	....	8.9	71.9	71.0	32 57.93	..	3.8945	+0.0173	0.015	+33 30 53.4	..	7.434	0.531	0.12	
1371	- 4 895	8.5	8.5	8.9	82.08	82.0	32 58.65	2	2.9648	+0.0055	0.002	- 4 56 47.5	3	7.433	0.404	0.07	
1372	+ 17 765	8.7	....	8.7	73.9	73.0	33 10.13	..	3.4737	+0.0107	0.008	+17 54 35.0	..	7.418	0.474	0.09	
1373	» »	»	....	...	74.08	74.0	10.20	2	»	»	»	36.8	2	»	»	»	
1374	+ 23 723	8.7	....	8.9	68.9	68.0	33 15.35	..	3.6141	+0.0126	0.009	+23 33 55.2	..	7.410	0.493	0.11	
1375	- 14 936	6.5	....	6.7	77.11	75.0	33 34.90	1	2.7484	+0.0042	0.001	-14 36 11.2	1	7.384	0.376	0.05	
1376	+ 2 747	8.0	....	8.2	77.99	77.0	34 27.37	1	3.1214	+0.0067	0.003	+ 2 15 43.2	1	7.313	0.427	0.07	
1377	+ 0 817	8.0	....	7.8	78.00	77.0	34 29.87	1	3.0878	+0.0064	0.003	+ 0 43 4.8	2	7.309	0.422	0.07	
1378	+ 33 892	7.3	...	7.3	71.9	71.0	34 56.11	1	3.9028	+0.0171	0.015	+33 41 21.2	1	7.274	0.534	0.14	
1379	+ 1 798	8.7	....	8.7	78.06	77.0	35 2...	..	3.1083	+0.0066	0.003	+ 1 39 25.7	1	7.266	0.426	0.07	
1380	+ 33 893	8.5	....	8.5	68.9	68.0	35 4.08	3	3.8839	+0.0167	0.015	+33 4 40.7	3	7.263	0.531	0.14	
1381	+ 22 741	9.4	9-10	9.5	80.10	75.0	35 15.07	2	3.5851	+0.0120	0.010	+22 21 52.3	1	7.248	0.491	0.10	
1382	+ 25 725	8.5	....	9	69.93	70.0	35 24.07	2	3.6805	+0.0133	0.012	+26 0 12.4	2	7.236	0.504	0.11	
1383	+ 20 807	9.0	....	...	74.90	75.0	35 30.30	3	3.5357	+0.0113	0.008	+20 23 14.9	3	7.227	0.484	0.10	
1384	+ 17 773	9.4	9.4	...	74.00	70.0	35 36.62	2	3.4753	+0.0105	0.008	+17 54 33.5	2	7.219	0.476	0.09	
1385	» »	»	....	...	74.05	73.0	36.72	3	»	»	»	33.2	3	»	»	»	
1386	+ 27 688	8.0	8	8.9	64.99	65.0	35 48.88	3	3.7206	+0.0139	0.012	+27 27 31.3	3	7.202	0.509	0.11	
1387	» »	»	....	8	64.9	64.0	48.91	2	»	»	»	38.3	2	»	»	»	
1388	+ 2 753	8.5	....	8.0	78.00	77.0	36 26.97	1	3.1198	+0.0066	0.003	+ 2 10 47.2	1	7.150	0.428	0.07	
1389	+ 0 830	7.6	....	8.4	77.99	77.0	36 33.66	1	3.0912	+0.0064	0.003	+ 0 52 8.4	1	7.141	0.424	0.07	
1390	+ 34 915	9.1	....	9.0	69.97	70.0	36 58.21	2	3.9479	+0.0175	0.017	+35 0 29.0	2	7.107	0.541	0.13	
1391	- 4 928	8.4	9	9	82.11	82.0	37 38.20	1	2.9730	+0.0054	0.002	- 4 32 4.9	1	7.053	0.409	0.05	
1392	+ 2 760	8.5	....	8.5	78.01	77.0	38 48.84	2	3.1249	+0.0065	0.003	+ 2 24 18.0	3	6.956	0.430	0.06	
1393	+ 11 646	5.7	....	5.6	65.00	65.0	39 4.75	2	3.3269	+0.0085	0.006	+11 28 32.4	2	6.935	0.458	0.08	
1394	+ 22 750	9.5	9	9.5	80.07	75.0	39 17.30	2	3.5822	+0.0115	0.010	+22 6 49.5	2	6.917	0.493	0.10	
1395	+ 22 751	9.5	9	9.5	80.07	75.0	39 25.21	2	3.5845	+0.0115	0.010	+22 12 10.3	2	6.907	0.494	0.10	
1396	+ 11 648	9.5	9.5	9.5	83.96	80.0	39 27.17	1	3.3331	+0.0085	0.006	+11 44 22.2	1	6.904	0.459	0.08	
1397	+ 11 649	9.0	....	...	65.00	65.0	40 0.80	2	3.3176	+0.0083	0.006	+11 2 54.3	2	6.858	0.457	0.08	
1398	+ 17 784	9.5	9.5	9.5	84.04	80.0	40 2.80	1	3.4769	+0.0101	0.009	+17 51 2.5	1	6.855	0.479	0.09	
1399	+ 17 786	8.3	8.3	8.9	84.04	80.0	40 21.06	1	3.4815	+0.0101	0.009	+18 1 58.3	1	6.830	0.480	0.09	
1400	+ 29 741	6.5	(8)	8.0	72.88	72.0	40 28.54	1	3.7850	+0.0141	0.014	+29 32 55.3	1	6.820	0.522	0.11	



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
1361	92 155	Königsberg, Franz	Albany A. G. C. 1346	32 <sup>s</sup> 49	26" 1	
1362	74 248	Königsberg, Lorek	Weisse, 657 B. Z. 521	20.39	30.3	
1363	81 69, 102 288	Berlin, Tietjen	Berlin A.G.Z. 9, 33, 206 u. 211	20.37	31.0	
1364	69 102	Leipzig, Engelmann	B. D. 722	29.4	4' 8	
1365	86 313, 107 107	Leiden, E. Bakhuyzen	B. D. 760	52.2	50.1	
1366	102 293	Königsberg, Rahts	Weisse, 678 B. Z. 137	33.53	50" 4	Siehe Noten.
1367	92 155	Königsberg, Franz	Albany A.G.C. 1358	39.88	48.7	Epoche der Decl. Beob. 77.98.
1368	100 248	Königsberg, Rahts	B. D. 675	43.5	49' 2	
1369	102 293	Königsberg, Rahts	B. D. 623	48.1	29.2	
1370	79 105	Washington	Leiden A. G. Z. 155 u. 397	57.73	52" 5	
1371	102 301	Berlin, Leman	Paris Cat, 5336	58.82	49.0	
1372	84 24	Washington	Washington Obs. 1880 u. 1883	10.26	37.6	A. N. 3 — 20" corrigirt cf. Publ. XVIII A. G. u. A. N. 84 163.
1373	86 314, 107 107	Leiden, E. Bakhuyzen	.....	.....	.....	A. N. A. R. + 2 <sup>s</sup> corrigirt. Siehe Noten.
1374	75 282, 90 195	Wien	Paris Cat, 5341	15.91	55.6	Berlin A. G. Z. 11, 17, 366, 15 <sup>s</sup> .87, 53" 2; 8 <sup>m</sup> .7.
1375	91 209	Pola, J. Palisa	Paris Cat, 5345	34.85	9.1	
1376	92 155	Königsberg, Franz	Albany A. G. C. 1364	27.20	40.0	Pulk. Cat. 1875.0 1062, 27 <sup>s</sup> .16, 40" 2; 8 <sup>m</sup> .0.
1377	92 155	Königsberg, Franz	Paris Cat, 5359	29.95	8.2	Moskau Zone 189, 30 <sup>s</sup> .05, 5" 9; 8 <sup>m</sup> .0. Dupl. Σ 583.
1378	81 351 84 241	Berlin, Tietjen	Leiden A. G. Z. 157 u. 398	55.79	20.7	
1379	92 155	Königsberg, Franz	Albany, A. G. C. 1367	3.05	24.1	
1380	74 247	Königsberg, Lorek	Leiden A. G. Z. 155 u. 397	3.91	36.6	Siehe Noten.
1381	97 327	Pola, J. Palisa	B. B. VI 741	14.61	50.8	
1382	81 69	Berlin, Tietjen	Weisse, 742 B. Z. 396	24.58	10.6	Siehe Noten.
1383	86 107	Hamburg, Lindstedt	Rümker N F. 2364	29.65	23' 0	Berlin A. G. Z. 215 u. 360, 30 <sup>s</sup> .23, 14" 1; 9 <sup>m</sup> 1.
1384	84 229	Berlin, Knorre	A. N. 84, 41 mikr. Anschluss	36.76	34" 6	
1385	86 313, 107 107	Leiden, E. Bakhuyzen	.....	.....	.....	
1386	69 69	Berlin, Romberg	Paris Cat, 5386	48.89	27.6	E. B. + 0 <sup>s</sup> .0051 — 0" 167 nach Paris Cat.
1387	69 361	Königsberg, Sievers	Weisse, 759 B. Z. 397	48.72	35.7	E. B. + 0 <sup>s</sup> .003 — 0" 34 » Porter Cat. Pr. Mot. 291.
1388	92 155	Königsberg, Franz	Albany A. G. C. 1376	27.02	45.7	Pulk. Cat. 1875.0 1068, 27 <sup>s</sup> .04, 46" 7; 8 <sup>m</sup> .5.
1389	92 155	Königsberg, Franz	Albany A. G. C. 1378	33.64	8.6	Epoche der Declin. Beob. 78.06. Siehe Noten.
1390	81 69	Berlin, Tietjen	Lund A. G. Z. 87 u. 93	58.30	29.7	
1391	102 301	Berlin, Leman	Weisse, 796 B. Z. 140	38.56	5.9	
1392	92 155	Königsberg, Franz	Albany A. G. C. 1396	48.86	17.8	Pulk. Cat. 1875.0 1074, 48 <sup>s</sup> .76, 16" 7; 8 <sup>m</sup> .5
1393	69 69	Berlin, Romberg	Paris Cat, 5452	4.70	30.1	
1394	97 327	Pola, J. Palisa	B. D. 750	15.2	6' 4	
1395	97 327	Pola, J. Palisa	B. D. 751	20.7	12.9	Siehe Noten.
1396	111 169 u. 223	Berlin, Knorre	B. D. 648	26.0	44.1	
1397	69 69	Berlin, Romberg	Kam 826	0.98	56" 3	
1398	111 169 u. 222	Berlin, Knorre	B. D. 784	1.7	52' 1	
1399	111 169 u. 222	Berlin, Knorre	Weisse, 869 B. Z. 340	20.39	3" 2	Siehe Noten.
1400	81 365	Leipzig, Engelmann	Yarnall 2079	28.46	55.3	Siehe Noten.

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHEN DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
1401	+ 43°1075	8.0	....	8-9	80.9	80.0	4h 40m 28s97	3	+ 4s 2871	+0s 0231	-0s 028	+44° 0' 58"9	3	6"819	-0" 591	- 0' 16
1402	+ 26 752	7.6	8.9	8-9	68.02	65.0	41 21.39	2	3.7079	+0.0129	0.012	+26 47 25.2	2	6.747	0.512	0.10
1403	+ 21 709	8.2	8.9	8	80.10	75.0	42 18.24	2	3.5747	+0.0110	0.009	+21 43 45.1	2	6.669	0.494	0.00
1404	" "	"	....	8.3	80.09	80.0	18.30	2	"	"	"	44.3	2	"	"	"
1405	+ 11 657	9.3	....	9	65.07	65.0	42 29.65	2	3.3237	+0.0081	0.006	+11 16 25.4	2	6.653	0.460	0.08
1406	+ 18 738	8.8	....	9	74.90	75.0	42 59.64	4	3.5062	+0.0101	0.009	+18 58 29.4	4	6.612	0.485	0.09
1407	+ 22 761	9.5	9	9.5	80.04	75.0	43 2.42	2	3.5887	+0.0111	0.010	+22 15 10.1	2	6.608	0.497	0.09
1408	+ 1 823	7.8	....	7.9	78.00	77.0	43 3.32	2	3.1159	+0.0063	0.003	+ 1 58 55.5	3	6.607	0.432	0.06
1409	- 5 1046	7.5	8	7.5	82.07	82.0	43 3.71	2	2.9572	+0.0052	0.002	- 5 12 25.6	3	6.607	0.410	0.06
1410	+ 35 913	9.5	....	9.5	68.9	68.0	43 8.97	2	3.9578	+0.0164	0.018	+35 2 50.5	2	6.599	0.548	0.15
1411	.....	...	....	10-11	71.87	71.0	43 39.96	1	3.7961	+0.0138	0.014	+29 48 26.2	1	6.557	0.526	0.11
1412	+ 18 743	4.5	....	6-7	75.0	74.0	44 3.90	..	3.4983	+0.0081	0.009	+18 37 30.1	..	6.524	0.485	0.09
1413	+ 0 871	7.3	....	7.4	78.00	77.0	44 18.35	2	3.0928	+0.0060	0.003	+ 0 55 54.1	3	6.504	0.429	0.06
1414	+ 55 939	9.1	....	9.1	78.00	70.0	44 30.54	4	4.8943	+0.0355	0.050	+55 13 34.8	4	6.487	0.678	0.21
1415	+ 27 701	6.0	....	7	65.0	64.0	44 58.76	2	3.7365	+0.0128	0.012	+27 41 12.1	2	6.448	0.519	0.10
1416	+ 21 717	8.6	9	8.8	80.04	75.0	45 34.56	2	3.5849	+0.0107	0.010	+22 1 39.5	2	6.398	0.498	0.09
1417	+ 21 718	9.0	9	9.0	80.10	75.0	45 38.54	1	3.5760	+0.0106	0.010	+21 40 44.3	1	6.393	0.497	0.09
1418	+ 25 745	9.4	9	...	67.11	65.0	45 40.34	2	3.6649	+0.0117	0.012	+25 3 46.4	2	6.391	0.509	0.10
1419	+ 1 837	8.2	....	8.1	78.00	77.0	45 46.03	2	3.1085	+0.0061	0.003	+ 1 38 17.6	2	6.383	0.433	0.06
1420	+ 23 757	6.5	....	7	80.06	80.0	46 1.70	2	3.6132	+0.0110	0.010	+23 6 20.0	2	6.361	0.502	0.09
1421	.....	...	9.9	10½	74.00	70.0	46 6.33	2	3.4943	+0.0096	0.009	+18 24 40.7	2	6.354	0.486	0.08
1422	+ 60 848	9.3	9.3	9.3	83.96	80.0	46 7.43	2	5.3177	+0.0461	0.072	+60 32 41.1	2	6.353	0.738	0.26
1423	+ 43 1124	7.0	....	7-8	80.9	80.0	46 20.42	3	4.2639	+0.0210	0.025	+43 12 38.2	3	6.335	0.593	0.14
1424	+ 22 770	9.2	9	9.2	80.05	75.0	46 21.04	1	3.5993	+0.0108	0.010	+22 33 43.8	1	6.334	0.501	0.08
1425	" "	"	....	9.0	80.08	80.0	21.31	3	"	"	"	46.8	3	"	"	"
1426	+ 22 771	8.8	....	9	80.11	75.0	46 37.94	2	3.6072	+0.0109	0.010	+22 51 29.4	2	6.311	0.502	0.08
1427	" "	"	....	8.7	80.08	80.0	38.01	3	"	"	"	28.2	3	"	"	"
1428	+ 2 800	5.0	....	5.3	76.94	75.0	46 51.82	1	3.1232	+0.0061	0.004	+ 2 17 58.0	1	6.292	0.435	0.05
1429	+ 17 807	9.3	....	...	77.12	75.0	47 6.03	3	3.4703	+0.0093	0.009	+17 24 9.4	3	6.272	0.483	0.08
1430	+ 25 753	8.2	9	9	67.13	65.0	47 37.24	2	3.6668	+0.0115	0.012	+25 4 20.9	2	6.229	0.511	0.10
1431	" "	"	....	8.5	65.0	65.0	37.31	2	"	"	"	23.2	2	"	"	"
1432	+ 21 726	8.7	...	8-9	80.10	75.0	47 47.52	1	3.5767	+0.0104	0.010	+21 38 41.1	1	6.214	0.499	0.09
1433	" "	"	....	8.6	81.10	80.0	47.68	3	"	"	"	42.8	4	"	"	"
1434	+ 18 754	9.0	....	9.0	82.02	80.0	47 52.51	3	3.4912	+0.0094	0.009	+18 14 16.6	3	6.207	0.487	0.08
1435	+ 27 708	8.6	....	8.6	65.0	64.0	48 7.33	1	3.7381	+0.0123	0.013	+27 38 6.6	1	6.187	0.521	0.09
1436	+ 22 776	7.3	9	7-8	80.04	75.0	48 35.98	1	3.5961	+0.0105	0.010	+22 22 33.2	1	6.147	0.502	0.08
1437	" "	"	....	7.0	80.09	80.0	36.08	2	"	"	"	32.2	2	"	"	"
1438	+ 24 709	6.5	....	6.5	73.77	70.0	48 38.78	1	3.6493	+0.0111	0.012	+24 23 25.0	1	6.143	0.509	0.09
1439	+ 24 708	9.2	9.2	9	68.9	68.0	48 39.99	3	3.6563	+0.0112	0.012	+24 39 3.2	3	6.142	0.510	0.09
1440	+ 33 926	8.0	....	8.0	69.74	70.0	48 40.14	3	3.9235	+0.0148	0.017	+33 46 33.7	3	6.141	0.547	0.11

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1401	100 275	Washington	Paris Cat, 5477	28 <sup>s</sup> 75	49' 5	Bonn A.G.C. 3865, 29 <sup>s</sup> .06, 58".8; 8 <sup>m</sup> .4. Siehe Noten.
1402	72 113	Berlin, Romberg	Weisse, 896 B.Z. 396	21.57	25.5	
1403	97 327	Pola J. Palisa	Paris Cat, 5507	18.43	46.5	
1404	111 51, 101 202	Hamburg, Schrader	Berlin A.G.Z. 7, 14, 181, 185 [u. 186]	18.35	44.2	Siehe Noten.
1405	69 69	Berlin, Romberg	Weisse, 885 B.Z. 137	29.72	21.7	
1406	86 107	Hamburg, Lindstedt	Weisse, 938 B.Z. 343	59.67	34.4	
1407	97 329	Pola, J. Palisa	B.D. 761	4.2	15' 9	Pulk. Cat. 1875.0, 1085, 3 <sup>s</sup> .20, 54".3; 7 <sup>m</sup> .8.
1408	92 155	Königsberg, Franz	Albany A.G.C. 1429	3.32	54" 3	
1409	102 301	Berlin, Leman	Karlsruhe IV. S. 152	3.56	25.7	
1410	78 291	Leiden, Kam	B.D. 913	5.9	5' 0	Siehe Noten
1411	79 137	Leiden, Valentiner	Pulkowamikrom. Anschluss	39.5	47.4	A. N. — 1 <sup>m</sup> corrigirt. Siehe Noten. E. B. + 0 <sup>s</sup> .0082 — 0"040 cf. A.N. 85, 303. Pulk. Cat. 1875.0, 1087, 18 <sup>s</sup> .34, 54".5; 7 <sup>m</sup> .3.
1412	85 303	Wien	Paris Cat, 5542	3.65	31" 3	
1413	92 155	Königsberg, Franz	Albany A.G.C. 1439	18.42	54.1	
1414	81 69	Berlin Tietjen	Helsingfors A.G.C. 3790	30.80	35.7	Pulk. Cat. 1875.0, 1093, 45 <sup>s</sup> .92, 15"6; 8 <sup>m</sup> .2, Berlin A.G.Z. 206, 212, 338, 1 <sup>s</sup> .70, 20"1; 6 <sup>m</sup> .9.
1415	69 361	Königsberg, Sievers	Paris Cat, 5556	58.96	10.0	
1416	97 329	Pola, J. Palisa	Berlin A.G.Z. 38 u. 41	34.63	41.1	
1417	97 329	Pola, J. Palisa	Berlin A.G.Z. 7, 206 u. 212	38.57	46.0	Pulk. Cat. 1875.0, 1093, 45 <sup>s</sup> .92, 15"6; 8 <sup>m</sup> .2, Berlin A.G.Z. 206, 212, 338, 1 <sup>s</sup> .70, 20"1; 6 <sup>m</sup> .9.
1418	69 69	Berlin, Romberg	A.N.67, 120 mikr. Anschluss	40.65	48.8	
1419	92 156	Königsberg, Franz	Albany A.G.C. 1454	46.05	16.4	
1420	111 51	Hamburg, Schrader	Paris Cat, 5578	1.81	20.3	Bonn A.G.C. 3945, 20 <sup>s</sup> .25, 38".4; 7 <sup>m</sup> .8.
1421	84 229	Berlin, Knorre	Markree Cat. Vol II p. 147	6. . .	23' 9	
1422	111 171	Berlin, Knorre	Helsingfors A.G.C. 3805	7.33	42" 2	
1423	100 275	Washington	Weisse, 998-1000 B.Z. 514, [516 u. 522]	20.54	36.8	{ 5 Orionis, Dunsink Cat. of red stars Nr. 45, 51 <sup>s</sup> .72, 58".1. E. B. + 0 <sup>s</sup> .0006 — 0"019 nach Albany Cat.
1424	97 329	Pola, J. Palisa	Berlin A.G.Z. 185 u. 186	21.15	44.9	
1425	111 51	Hamburg, Schrader	Yarnall 2127	21.08	46.1	
1426	97 329	Pola, J. Palisa	Paris Cat, 5589	38.02	31.2	Berlin A.G.Z. 206 u. 212, 38 <sup>s</sup> .86, 25"7; 6 <sup>m</sup> .8. Berlin A.G.Z. 338 u. 360, 39 <sup>s</sup> .99, 1"0; 9 <sup>m</sup> .0.
1427	111 51	Hamburg, Schrader	Berlin A.G.Z. 26 u. 360	37.83	30.3	
1428	91 209	Pola, J. Palisa	Albany A.G.C. 1459	51.69	58.6	
1429	91 211	Pola, J. Palisa	Rümker 1312	6.04	11.4	Berlin A.G.Z. 206 u. 212, 38 <sup>s</sup> .86, 25"7; 6 <sup>m</sup> .8. Berlin A.G.Z. 338 u. 360, 39 <sup>s</sup> .99, 1"0; 9 <sup>m</sup> .0.
1430	69 69	Berlin, Romberg	Weisse, 1032 B.Z. 396	37.59	22.0	
1431	69 362	Königsberg, Sievers	Berlin A.G.Z. 338 u. 360	37.18	20.8	
1432	97 329, 98 42	Pola, J. Palisa	Weisse, 1044 B.Z. 393	47.86	43.9	Berlin A.G.Z. 206 u. 212, 38 <sup>s</sup> .86, 25"7; 6 <sup>m</sup> .8. Berlin A.G.Z. 338 u. 360, 39 <sup>s</sup> .99, 1"0; 9 <sup>m</sup> .0.
1433	111 51	Hamburg, Schrader	Berlin A.G.Z. 349, 351 u. 363	47.65	42.1	
1434	111 51	Hamburg, Schrader	B.D. 754	52.5	14' 3	
1435	69 361	Königsberg, Sievers	Yarnall 2139	7.46	9" 3	Berlin A.G.Z. 206 u. 212, 38 <sup>s</sup> .86, 25"7; 6 <sup>m</sup> .8. Berlin A.G.Z. 338 u. 360, 39 <sup>s</sup> .99, 1"0; 9 <sup>m</sup> .0.
1436	97 329	Pola, J. Palisa	Paris Cat, 5635	36.12	32.2	
1437	111 51	Hamburg, Schrader	Berlin A.G.Z. 215 u. 405	36.09	32.7	
1438	84 241	Berlin, Tietjen	Pulkowa Cat. 1875.0, 1105	38.88	25.6	Berlin A.G.Z. 206 u. 212, 38 <sup>s</sup> .86, 25"7; 6 <sup>m</sup> .8. Berlin A.G.Z. 338 u. 360, 39 <sup>s</sup> .99, 1"0; 9 <sup>m</sup> .0.
1439	74 75	Washington	Weisse, 1068 B.Z. 521	39.95	59.4	
1440	81 69	Berlin, Tietjen	Leiden A.G.Z. 155 u. 397	40.15	34.4	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
1441	+ 23° 772	8.0	8	8	80.05	75.0	4h 49m 28.39	1	+ 3.6153	+0.0107	-0.011	+23° 5' 51" 8	1	6" 110	-0" 505	- 0" 09
1442	» »	»	....	7.7	80.06	80.0	2.47	2	»	»	»	53.0	2	»	»	»
1443	+ 16 669	9.4	....	9.4	75.07	75.0	49 3.97	1	3.4463	+0.0088	0.008	+16 22 5.7	1	6.108	0.481	0.08
1444	.....	...	9	9.8	84.8	84.0	49 15.10	2	0.0653	+0.0275	0.010	-67 2 31.6	2	6.093	0.012	0.06
1445	+ 16 671	7.5	....	7-8	74.90	75.0	49 35.60	4	3.4506	+0.0088	0.008	+16 32 7.1	4	6.064	0.482	0.07
1446	+ 1 859	8.0	....	7.9	78.00	77.0	49 41.32	2	3.1133	+0.0059	0.004	+ 1 50 35.8	3	6.056	0.435	0.06
1447	+ 2 818	8.2	....	7.8	77.99	77.0	49 41.41	1	3.1385	+0.0061	0.004	+ 2 58 32.3	2	6.056	0.439	0.06
1448	+ 8 811	7.6	....	...	65.04	65.0	49 55.11	1	3.2656	+0.0071	0.005	+ 8 37 22.0	1	6.037	0.457	0.07
1449	+ 29 771	7.7	9	7.7	67.13	65.0	50 4.55	2	3.8064	+0.0129	0.015	+29 55 43.8	2	6.024	0.532	0.10
1450	+ 21 738	9.5	9-10	9.5	80.10	75.0	50 22.86	2	3.5781	+0.0101	0.010	+21 37 46.5	2	5.999	0.500	0.08
1451	.....	...	....	6.7	77.12	75.0	50 23.38	2	2.4520	+0.0033	0.001	-25 55 46.9	2	5.998	0.343	0.05
1452	+ 16 673	9.5	10	9.5	77.09	75.0	50 56.39	2	3.4546	+0.0087	0.008	+16 40 14.4	2	5.952	0.484	0.07
1453	+ 8 814	8.7	....	8-9	64.92	65.0	51 5.18	2	3.2640	+0.0070	0.005	+ 8 32 28.1	2	5.940	0.457	0.07
1454	+ 23 782	8.4	9	9	80.96	75.0	51 17.36	4	3.6314	+0.0106	0.012	+23 38 32.1	4	5.923	0.508	0.09
1455	+ 8 818	9.1	9.1	9	75.9	76.0	51 23.53	..	3.2615	+0.0069	0.005	+ 8 25 38.6	..	5.914	0.457	0.07
1456	.....	...	11.5	...	74.07	70.0	52 18.85	4	3.0574	+0.0054	0.004	- 0 39 53.4	4	5.837	0.429	0.05
1457	+ 24 722	8.2	....	8-9	72.87	70.0	52 37.77	2	3.6674	+0.0108	0.012	+24 56 43.8	2	5.811	0.514	0.09
1458	» »	»	....	8.5	?	70.0	37.78	1	»	»	»	43.5	1	»	»	-
1459	+ 21 743	9.3	9	9.3	80.11	75.0	52 50.58	3	3.5838	+0.0099	0.010	+21 47 4.3	3	5.793	0.503	0.08
1460	- 4 994	9.5	10.5	...	77.12	75.0	52 56.98	2	2.9719	+0.0049	0.003	- 4 28 53.6	2	5.784	0.417	0.04
1461	+ 18 770	9.4	9.4	9.4	74.00	70.0	53 2.31	2	3.5077	+0.0090	0.009	+18 47 0.1	2	5.776	0.492	0.07
1462	+ 50 1110	8.2	....	8.7	69.94	70.0	53 8.92	3	4.6212	+0.0257	0.039	+50 25 14.0	3	5.767	0.648	0.15
1463	+ 23 794	9.5	9-10	9.5	80.05	75.0	53 16.58	1	3.6197	+0.0102	0.012	+23 8 48.0	1	5.756	0.508	0.09
1464	+ 23 796	8.1	8	8-9	79.96	75.0	53 34.49	1	3.6227	+0.0102	0.012	+23 15 3.7	1	5.731	0.509	0.09
1465	+ 3 733	8.5	....	8.5	78.00	77.0	53 35.29	2	3.1416	+0.0059	0.004	+ 3 5 53.5	4	5.730	0.441	0.05
1466	+ 50 1112	8.9	....	8.7	68.06	65.0	53 42.64	1	4.6239	+0.0255	0.039	+50 26 56.4	1	5.720	0.649	0.15
1467	+ 24 726	8.4	....	8	73.77	70.0	53 58.83	1	3.6553	+0.0105	0.012	+24 27 32.6	1	5.697	0.513	0.08
1468	- 3 966	9.1	9	9	82.07	82.0	54 0.97	2	2.9847	+0.0049	0.004	- 3 54 21.6	3	5.694	0.420	0.04
1469	- 3 973	9.0	8.5	9.5	77.06	75.0	54 37.76	3	2.9948	+0.0050	0.004	- 3 27 15.9	2	5.643	0.422	0.04
1470	+ 79 165	8.9	....	8.7	77.4	77.0	55 3.87	2	10.0483	+0.2539	0.877	+79 34 25.8	2	5.606	1.409	1.06
1471	+ 25 770	8.9	...	9	80.9	80.0	55 8.44	3	3.6872	+0.0107	0.013	+25 35 46.9	3	5.600	0.519	0.08
1472	- 4 1009	8.9	9.5	9.0	77.09	75.0	55 20.85	2	2.9818	+0.0048	0.003	-4 1 45.7	2	5.583	0.420	0.04
1473	.....	...	....	7.7	81.9	81.0	55 26.89	..	2.1944	+0.0038	0.001	-34 21 14.5	..	5.574	0.310	0.02
1474	+ 1 887	8.3	....	8.3	78.00	77.0	55 56.59	2	3.1141	+0.0056	0.004	+ 1 51 55.9	4	5.533	0.439	0.05
1475	.....	...	....	8.1	81.1	81.0	56 18.96	..	2.1657	+0.0033	0.001	-35 11 12.2	..	5.501	0.306	0.02
1476	+ 21 752	9.5	9-10	9.5	80.04	75.0	56 29.94	1	3.5836	+0.0094	0.010	+21 41 5.9	1	5.486	0.505	0.07
1477	+ 23 828	8.0	8	8	80.00	75.0	56 46.80	2	3.6276	+0.0099	0.011	+23 20 56.7	2	5.462	0.511	0.08
1478	» »	»	....	...	80.07	80.0	46.92	3	»	»	»	55.8	3	»	»	»
1479	+ 27 723	6.5	6	6.7	67.13	65.0	56 49.11	2	3.7425	+0.0111	0.013	+ 27 31 10.1	2	5.459	0.527	0.09
1480	» »	»	....	8.0	65.0	64.0	49.12	2	»	»	»	11.5	2	»	»	»

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1441	97 329	Pola, J. Palisa	Paris Cat, 5644	28.52	54"0	
1442	111 51	Hamburg, Schrader	Berlin A.G.Z. 11 u. 17	2.39	52.8	
1443	86 107	Hamburg, Lindstedt	B.B. VI 669	2.75	5.4	Siehe Noten.
1444	112 144	Cap	Gill-Kapteyn Phot. D. M.	15.0	2'6	
1445	86 109	Hamburg, Lindstedt	Paris Cat, 5656	35.53	7"8	
1446	92 156	Königsberg, Franz	Albany A.G.C. 1487	41.37	33.6	Pulk. Cat. 1875.0, 1110, 418.20, 32"3; 8m.0.
1447	92 157	Königsberg, Franz	Albany A.G.C. 1488	41.50	30.0	Epoche der Declin. Beob. 77.97.
1448	69 69	Berlin, Romberg	B.B. VI 811	54.95	21.9	
1449	69 69	Berlin, Romberg	Leiden A.G.Z. 400 u. 402	4.47	43.5	Siehe Noten.
1450	97 329	Pola, J. Palisa	B.D. 738	22.1	37'6	
1451	91 211	Pola, J. Palisa	Cordoba G.C. 5604	23.35	46"6	
1452	91 211	Pola, J. Palisa	B.D. 673	55.4	40'4	
1453	69 69	Berlin, Romberg	Weisse, 1091 B.Z. 135	5.35	24"0	
1454	110 297	Leiden, E. Bakhuyzen [u. Stieltjes]	Paris Cat, 5692	17.38	31.4	Berlin A.G.Z. 11, 17, 338 u. 364, 178.37, 31"8; 8m.6.
1455	88 315	Cambr. (M), Rogers	Weisse, 1098 B.Z. 135	23.45	34.4	Siehe Noten.
1456	104 195	Leipzig, Engelmann	Pulkowa, mikr. Anschluss	18.3	39'9	Siehe Noten.
1457	84 241	Berlin, Tietjen	Weisse, 1159 B.Z. 395 u. 521	37.75	41"5	
1458	81 69	Berlin, Tietjen	Berlin A.G.Z. 206, 212 u. 412	37.80	44.9	Siehe Noten.
1459	97 329	Pola, J. Palisa	B. D. 743	48.3	47'9	
1460	91 211	Pola, J. Palisa	A. N. 87, 357 mikr. Anschl.	56.62	52"8	
1461	84 229	Berlin, Knorre	B. D. 770	59.3	46'9	
1462	81 69	Berlin, Tietjen	B.B. VI 1110	8.97	12"9	Cambr. (M), A. G. C. 2047, 98.15, 13"2; 8m.5.
1463	97 329	Pola, J. Palisa	B.B. VI 794	16.57	46.5	
1464	97 329	Pola, J. Palisa	Paris Cat, 5745	34.61	5.3	Berlin A.G.Z. 41, 215 u. 412, 348.44, 5"8; 8m.3.
1465	92 156	Königsberg, Franz	Pulkowa Cat. 1875.0, 1128	35.19	49.8	Epoche der Declin Beob. 78.02.
1466	72 113	Berlin, Romberg	Cambridge (M), A.G.C. 2054	43.25	54.6	Albany A.G.C. 1522, 358.18, 51"5; 8m.2.
1467	84 241	Berlin, Tietjen	Weisse, 1193 B.Z. 521	58.57	41.1	Siehe Noten.
1468	102 301	Berlin, Leman	Weisse, 1172 B.Z. 140	0.96	12.1	Berlin A.G.Z. 338, 356 u. 360, 598.05, 31"7; 8m.3.
1469	91 211	Pola, J. Palisa	M, 986	37.76	16.0	Siehe Noten.
1470	92 261	Hamburg	Kasan A.G.Z. Vol. I p. 80 u. 136	4.11	26.5	B. D. giebt die A. R. 108 kleiner.
1471	100 248	Königsberg, Rahts	Weisse, 1220 B. Z. 396	8.91	44.2	B. Z. + 108 corrig. Siehe E. Luther Zone 396.
1472	91 211	Pola, J. Palisa	M, 989	20.64	47.7	
1473	102 94	Windsor, Tebbutt	Cordoba G. C. 5724	26.79	13.3	Lacaille 1681.
1474	92 156	Königsberg, Franz	Albany A.G.C. 1543	56.64	55.4	A. N. Declin. + 1' corrigirt. Siehe Noten.
1475	102 94	Windsor, Tebbutt	Cordoba G.C. 5745	19.01	8.5	Stone Cape Cat. 1880.0, 2194, 1889.2, 8"4; 7m.
1476	97 329	Pola, J. Palisa	B. D. 752	28.6	40'9	
1477	97 329	Pola, J. Palisa	Weisse, 1263 B. Z. 521	46.68	51"6	Berlin A. G. Z. 338 u. 346, 468.84, 55"5; 8m.3.
1478	111 51	Hamburg, Schrader	Rümker 1364	46.83	56.2	
1479	69 69	Berlin, Romberg	Paris Cat, 5819	49.22	11.0	
1480	69 361	Königsberg, Sievers	Yarnall 2196	49.14	10.7	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER											
		B. D.	A. N.	Quelle	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied.
					1800 +											
1481	+ 18° 775	9.5	10	9.5	77.11	75.0	4 <sup>h</sup> 56 <sup>m</sup> 53 <sup>s</sup> 43	1	+ 3 <sup>s</sup> 5127	+0 <sup>s</sup> 0087	-0 <sup>s</sup> 0009	+18° 53' 51" 4	1	5" 453	-0" 495	-0" 007
1482	+ 23 835	8.9	7.8	9	80.04	75.0	57 20.52	1	3.6291	+0.0098	0.012	+23 23 30.5	1	5.414	0.512	0.08
1483	» »	»	....	8.8	80.12	80.0	20.63	2	»	»	»	31.5	2	»	»	1
1484	» »	»	8.9	...	68.94	68.0	20.76	2	»	»	»	31.7	2	»	»	2
1485	- 2 1111	7.0	....	7.0	77.11	75.0	57 25.83	1	3.0111	+0.0049	0.003	- 2 43 ....	..	5.407	0.425	0.04
1486	+ 23 837	8.0	7.2	7-8	74.06	70.0	57 37.12	3	3.6354	+0.0098	0.012	+23 37 22.7	3	5.391	0.513	0.08
1487	» »	»	8	7-3	79.94	75.0	37.13	1	»	»	»	20.7	1	»	»	1
1488	- 3 993	8.5	8	7-8	82.08	82.0	58 2.87	2	2.9916	+0.0048	0.003	- 3 34 51.2	2	5.355	0.423	0.04
1489	+ 55 961	8.0	....	8.1	69.94	70.0	58 14.52	2	4.9778	+0.0308	0.058	+55 55 44.2	2	5.338	0.702	0.18
1490	+ 2 854	8.3	....	8.6	78.00	77.0	58 29.76	2	3.1279	+0.0056	0.004	+ 2 28 15.1	4	5.317	0.442	0.05
1491	+ 55 962	8.9	....	8.9	69.94	70.0	58 39.08	3	4.9675	+0.0303	0.058	+55 46 20.5	3	5.304	0.701	0.15
1492	+ 8 854	8.5	8.5	9	75.9	76.0	58 46.82	..	3.2603	+0.0064	0.006	+ 8 17 44.5	..	5.293	0.461	0.06
1493	+ 0 939	6.0	....	5.8	82.13	80.0	58 56.47	2	3.0948	+0.0053	0.004	+ 1 0 14.0	2	5.280	0.438	0.05
1494	+ 1 896	8.5	8.5	8.2	84.00	80.0	59 25.66	2	3.1101	+0.0054	0.004	+ 1 40 48.1	2	5.239	0.440	0.05
1495	» »	»	....	8	83.8	83.0	25.71	4	»	»	»	43.5	4	»	»	»
1496	+ 3 767	7.9	....	7.8	72.16	72.0	59 30.61	1	3.1538	+0.0057	0.004	+ 3 37 0.4	1	5.232	0.446	0.05
1497	» »	»	....	...	72.07	71.0	30.69	1	»	»	»	0.5	1	»	»	1
1498	- 3 1003	8.7	8	9.0	77.09	75.0	59 31.08	2	2.9983	+0.0048	0.003	- 3 16 38.8	3	5.231	0.424	0.04
1499	+ 37 1051	8.8	....	9	68.9	68.0	59 35.88	2	4.0741	+0.0147	0.023	+37 49 4.2	2	5.224	0.576	0.11
1500	+ 7 802	8.8	8.8	9	75.9	76.0	59 58.93	..	3.2521	+0.0063	0.005	+ 7 55 38.2	..	5.192	0.460	0.06
1501	+ 20 883	9.2	9.5	9	83.96	80.0	5 0 14.88	1	3.5655	+0.0088	0.010	+20 53 57.3	1	5.169	0.505	0.07
1502	+ 1 900	9.5	9.5	10	83.96	80.0	0 21.64	1	3.1137	+0.0054	0.004	+ 1 50 15.4	1	5.160	0.441	0.05
1503	- 3 1013	9.5	9.3	9.5	74.02	70.0	0 36.62	4	2.9932	+0.0047	0.003	- 3 30 7.5	4	5.139	0.424	0.04
1504	+ 21 768	9.5	8.9	9.5	80.11	75.0	0 54.26	2	3.5912	+0.0090	0.011	+21 52 19.5	2	5.114	0.508	0.07
1505	+ 8 866	5.8	....	5.8	77.12	75.0	1 4 52	2	3.2616	+0.0063	0.006	+ 8 20 0.8	2	5.099	0.462	0.06
1506	+ 3 775	9.5	....	9.5	74.08	74.0	1 24.34	2	3.1422	+0.0055	0.004	+ 3 5 38.5	2	5.071	0.445	0.04
1507	+ 23 858	9.1	....	9	81.53	80.0	1 30.22	4	3.6351	+0.0093	0.012	+23 30 43.1	4	5.063	0.515	0.08
1508	» »	»	9.0	8.8	79.97	75.0	30.24	2	»	»	»	42.2	2	»	»	»
1509	» »	»	9.3	...	68.94	68.0	30.37	2	»	»	»	44.6	2	»	»	»
1510	+ 3 776	9.5	....	9.5	74.09	74.0	1 30.54	2	3.1433	+0.0055	0.004	+ 3 8 39.0	2	5.063	0.446	0.04
1511	+ 3 777	8.0	....	7.7	74.90	75.0	1 31.79	3	3.1532	+0.0055	0.004	+ 3 34 57.4	3	5.061	0.447	0.05
1512	- 1 810	8.7	....	8.7	77.12	75.0	1 41.08	2	3.0489	+0.0049	0.004	- 1 1 57.1	2	5.048	0.432	0
1513	.....	...	....	7 <sup>h</sup>	81.1	81.0	1 52.71	..	2.1594	+0.0033	0.001	-35 11 46.1	..	5.031	0.307	0.02
1514	+ 3 780	9.3	....	9.2	73.98	73.0	1 54.79	1	3.1429	+0.0054	0.004	+ 3 7 33.7	1	5.028	0.446	0.05
1515	» »	»	....	...	72.17	72.0	54.94	1	»	»	»	34.9	1	»	»	»
1516	+ 37 1070	9.0	....	9.1	69.94	70.0	2 12.24	2	4.0819	+0.0142	0.022	+37 57 1.9	2	5.004	0.578	0.10
1517	+ 8 873	8.7	....	9	74.90	75.0	2 17.52	3	3.2771	+0.0063	0.006	+ 8 59 31.6	3	4.996	0.465	0.06
1518	+ 7 819	7.6	7.6	8.4	75.9	76.0	3 11.43	..	3.2548	+0.0061	0.006	+ 8 0 59.5	..	4.920	0.462	0.06
1519	+ 7 820	9.2	....	9.2	77.02	75.0	3 20.81	2	3.2501	+0.0060	0.006	+ 7 48 36.9	2	4.907	0.461	0.06
1520	+ 8 878	8.8	9	8.8	77.10	75.0	4 9.79	3	3.2674	+0.0061	0.006	+ 8 33 10.4	3	4.838	0.464	0.06

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1481	91 211	Pola, J. Palisa	B. D. 775	53 <sup>s</sup> 6	54 <sup>l</sup> .9	Dupl. seq.
1482	97 329	Pola, J. Palisa	Weisse, 1279 B. Z. 521	20.63	29 <sup>l</sup> 8	
1483	111 51	Hamburg, Schrader	Berlin, A.G.Z. 338, 346 u. 356	20.61	31.5	
1484	78 367	Leipzig, Engelmann	.....	.....	.....	
1485	91 211	Pola, J. Palisa	Cordoba G. C. 5765	25.95	6.5	Bloss in A. R. scharf bestimmt.
1486	104 195	Leipzig, Engelmann	Paris Cat, 5839	37.16	22.2	Berlin A.G.Z. 11, 17, u. 366, 37 <sup>s</sup> .05, 22 <sup>l</sup> .8; 7 <sup>m</sup> .3.
1487	97 329	Pola, J. Palisa	Berlin A.G.Z. 11, 17 u. 366	37.05	22.2	
1488	102 301	Berlin, Leman	Santini, — 4 <sup>o</sup> 107	2.96	49.1	Dunsink Cat. 155, 2 <sup>s</sup> .89, 52 <sup>l</sup> .5; 8 <sup>m</sup> .5. Siehe Noten.
1489	81 69	Berlin, Tietjen	Helsingfors A. G. C. 3896	14.93	45.0	A. N. — 1 <sup>m</sup> corrigirt. Siehe Noten.
1490	92 156	Königsberg, Franz	Albany A. G. C. 1562	29.78	13.2	Pulk. Cat. 1875.0, 1149, 29 <sup>s</sup> .66, 11 <sup>l</sup> .5; 8 <sup>m</sup> .3.
1491	81 69	Berlin, Tietjen	Helsingfors A. G. C. 3899	39.40	22.1	Dunsink Cat. of red stars Nr. 51, 56 <sup>s</sup> .60, 12 <sup>l</sup> .9.
1492	88 315	Cambr. (M), Rogers	Brüssel Cat. 1963	46.50	42.4	
1493	111 51	Hamburg, Schrader	Albany A. G. C. 1565	56.45	14.1	
1494	111 171	Berlin, Knorre	Albany A. G. C. 1568	25.52	46.3	
1495	109 172	Kiel	Paris Cat, 5879	25.59	46.5	A. N. — 1 <sup>s</sup> .33 corrigirt. Siehe Noten. Ep. § Beob. 77.03. Lund A.G.Z. 359, 494 und 502, 35 <sup>s</sup> .78, 4 <sup>l</sup> .5; 8 <sup>m</sup> .5.
1496	81 153	Leiden, Valentiner	Albany A. G. C. 1569	30.55	59.9	
1497	79 137	Leiden, Valentiner	Göttingen Cat. II 893	30.65	58.6	
1498	91 211	Pola, J. Palisa	M, 1003	30.98	38.4	
1499	78 291	Leiden, Kam	Paris Cat, 5884	35.74	4.6	Berlin A.G.Z. 173, 200, 349 u. 351, 14 <sup>s</sup> .98, 57 <sup>l</sup> .6; 9 <sup>m</sup> .3
1500	88 315	Cambr. (M), Rogers	Weisse, 1324 B. Z. 135	58.90	37.1	
1501	111 171 u. 222	Berlin, Knorre	Weisse, 1363, B. Z. 393	15.11	53.4	
1502	111 171	Berlin, Knorre	A.N.109,172 mikr. Anschluss	21.96	11.8	
1503	104 195	Leipzig, Engelmann	B. D. 1013	37.3	29 <sup>l</sup> .6	O. Σ. 98. med. i Orionis. E. B. + 0 <sup>s</sup> .0013 — 0 <sup>l</sup> .046 nach Pulk. Cat.
1504	97 329	Pola, J. Palisa	B. D. 768	51.8	52.9	
1505	91 211	Pola, J. Palisa	Pulkowa Cat. 1875.0, 1155	4.58	1 <sup>l</sup> .0	
1506	86 315	Leiden, E. Bakhuyzen	B. D. 775	21.4	5 <sup>l</sup> .6	
1507	111 51	Hamburg, Schrader	Weisse, 1406 B. Z. 395	30.55	48 <sup>l</sup> .2	Stone Cape Cat. 1880.0 2235, 52 <sup>s</sup> .59, 42 <sup>l</sup> .9; 7 <sup>m</sup> .
1508	97 329	Pola, J. Palisa	Berlin A. G. Z. 11, 17 u. 366	30.22	43.4	
1509	78 367	Leipzig, Engelmann	.....	.....	.....	
1510	86 315	Leiden, E. Bakhuyzen	B. D. 776	28.1	8 <sup>l</sup> .5	
1511	86 109	Hamburg, Lindstedt	Albany A. G. C. 1582	31.92	57 <sup>l</sup> .6	O. Σ. 100.
1512	91 211	Pola, J. Palisa	Göttingen Cat. I 1456-7	40.87	57.9	
1513	102 94	Windsor, Tebbutt	Cordoba G. C. 5853	52.67	42.9	
1514	86 313	Leiden, E. Bakhuyzen	B. B. VI 780	54.71	36.2	
1515	81 154	Leiden, Valentiner	.....	.....	.....	O. Σ. 100.
1516	81 70	Berlin, Tietjen	Lund A. G. Z. 491 u. 496	12.27	2.2	
1517	86 109	Hamburg, Lindstedt	Weisse, 1388 B. Z. 143	17.40	35.4	
1518	88 315	Cambr. (M.), Rogers	Pulkowa Cat. 1875.0, 1164	11.34	57.6	
1519	91 211	Pola, J. Palisa	B. D. 820	17.9	48 <sup>l</sup> .7	
1520	91 211	Pola, J. Palisa	B. D. 878	9.4	33.0	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800 +												
1521	+ 7° 830	9.0	....	9.0	74.92	75.0	5h 4m 27s.42	1	+ 3.2398	+0.0059	-0.006	+ 7°21' 19"1	1	4"813	-0"461	- 0"06	
1522	+ 24 782	8.0	8.0	8	68.9	68.0	4 34.45	2	3.6535	+0.0091	0.013	+24 7 25.7	3	4.803	0.519	0.07	
1523	+ 16 721	8.8	8.6	8.8	74.08	70.0	4 39.89	3	3.4590	+0.0074	0.009	+16 35 14.1	3	4.795	0.492	0.06	
1524	+ 5 833	8.8	....	8.8	74.8	74.0	5 8.26	..	3.2052	+0.0056	0.005	+ 5 50 38.8	..	4.755	0.456	0.05	
1525	+ 8 888	9.2	....	9.2	65.1	65.0	5 43.42	..	3.2753	+0.0060	0.006	+ 8 52 47.8	..	4.705	0.466	0.06	
1526	+ 31 888	8.7	....	8.7	66.13	65.0	5 52.56	2	3.8663	+0.0110	0.017	+31 25 16.7	2	4.692	0.550	0.09	
1527	- 3 1040	9.0	8.8	9	63.9	63.0	6 53.05	..	3.0015	+0.0045	0.003	- 3 6 44.9	..	4.606	0.428	0.04	
1528	+ 23 881	8.8	....	9	72.10	70.0	7 39.19	1	3.6435	+0.0086	0.011	+23 41 2.9	1	4.541	0.519	0.07	
1529	+ 14 857	7.6	....	7-8	67.07	67.0	8 1.44	2	3.4193	+0.0068	0.008	+14 55 0.7	2	4.509	0.488	0.05	
1530	+ 29 849	8.8	....	8.8	69.94	70.0	8 19.39	2	3.8009	+0.0099	0.016	+29 12 48.7	2	4.484	0.542	0.08	
1531	+ 8 905	8.3	8.9	9	67.10	65.0	8 52.84	2	3.2768	+0.0058	0.006	+ 8 55 2.0	2	4.438	0.468	0.05	
1532	+ 38 1105	8.8	....	9	70.08	70.0	9 41.09	1	4.1233	+0.0130	0.025	+38 51 9.1	1	4.367	0.589	0.09	
1533	" "	"	....	8.7	69.0	68.0	41.52	2	"	"	"	9.7	2	"	"	"	
1534	+ 23 888	6.8	....	7-8	72.90	70.0	9 55.19	1	+ 3.6499	+0.0083	0.011	+23 52 22.0	1	4.347	-0.521	0.07	
1535	.....	9	9	9.4	84.9	84.0	10 7.36	2	- 0.1618	+0.0237	0.004	-68 1 8.1	2	4.330	+0.021	0.06	
1536	+ 17 886	9.0	....	9.0	74.07	74.0	10 15.59	2	+ 3.4845	+0.0070	0.010	+17 31 26.8	2	4.318	-0.498	0.06	
1537	" "	"	....	...	73.9	73.0	15.69	3	"	"	"	24.2	3	"	"	"	
1538	" "	"	9	...	73.9	73.0	15.70	..	"	"	"	26.0	..	"	"	"	
1539	+ 34 994	7.8	....	7.8	80.10	80.0	10 57.27	2	3.9787	+0.0112	0.020	+34 45 17.9	2	4.259	0.569	0.08	
1540	+ 7 857	7.8	7.8	8-9	75.9	76.0	11 10.11	..	3.2551	+0.0055	0.006	+ 7 57 58.2	..	4.241	0.466	0.05	
1541	+ 17 893	9.5	....	9.5	73.98	73.0	11 36.96	1	3.4872	+0.0069	0.010	+17 36 42.3	1	4.202	0.499	0.06	
1542	.....	...	...	7.2	81.1	82.0	11 44.46	..	2.2344	+0.0031	0.001	-32 39 7.9	..	4.192	0.320	0.02	
1543	+ 21 816	5.5	5.5	4.7	83.96	80.0	11 46.01	2	3.5996	+0.0077	0.012	+21 57 53.1	2	4.189	0.515	0.07	
1544	+ 38 1123	9.2	....	9.2	80.08	80.0	11 55.20	2	4.1062	+0.0123	0.024	+38 20 5.3	2	4.176	0.588	0.08	
1545	+ 23 893	9.0	....	9.2	72.11	70.0	11 58.30	2	3.6353	+0.0079	0.013	+23 17 36.7	2	4.172	0.520	0.06	
1546	+ 17 894	9.3	....	9.3	74.10	74.0	12 11.90	2	3.4829	+0.0068	0.013	+17 25 43.0	2	4.152	0.499	0.06	
1547	+ 8 919	8.6	....	9	65.9	65.0	12 12.41	3	3.2800	+0.0055	0.006	+ 9 1 29.9	3	4.152	0.470	0.05	
1548	+ 20 924	9.0	....	9	64.9	64.0	12 38.16	1	3.5751	+0.0074	0.012	+21 1 14.8	1	4.115	0.512	0.06	
1549	.....	..	....	5.1	77.12	75.0	12 58.64	2	2.1551	+0.0032	0.001	-35 1 9.9	2	4.086	0.309	0.02	
1550	+ 15 799	7.2	7.8	7-8	65.09	65.0	15 12.00	2	3.4483	+0.0063	0.010	+16 0 0.7	2	3.895	0.495	0.05	
1551	+ 5 899	7.5	....	7.6	70.89	70.0	15 31.31	2	3.1933	+0.0049	0.006	+ 5 16 21.9	2	3.868	0.459	0.04	
1552	+ 16 763	8.2	8.9	8-9	65.60	65.0	16 12.35	2	3.4702	+0.0063	0.010	+16 51 59.5	2	3.809	0.498	0.05	
1553	+ 17 917	8.4	8.9	8	66.13	65.0	16 20.80	2	3.4787	+0.0063	0.010	+17 12 13.1	2	3.797	0.500	0.05	
1554	+ 35 1093	8.7	....	8.5	70.01	70.0	17 1.18	2	4.0025	+0.0102	0.020	+35 18 25.8	2	3.739	0.575	0.06	
1555	+ 8 959	8.1	....	9	75.9	76.0	19 44.46	..	3.2606	+0.0049	0.007	+ 8 8 40.7	..	3.505	0.470	0.04	
1556	+ 26 821	8.9	8.9	9	65.01	65.0	20 1.03	2	3.7153	+0.0074	0.014	+26 1 45.9	2	3.481	0.535	0.05	
1557	" "	"	....	...	64.9	64.0	1.03	2	"	"	"	48.6	2	"	"	"	
1558	+ 17 929	9.0	9	9	65.10	65.0	20 7.47	2	3.4789	+0.0060	0.010	+17 9 41.1	2	3.472	0.501	0.05	
1559	+ 38 1175	9.0	....	8.8	80.08	80.0	20 53.67	4	4.1281	+0.0105	0.026	+38 42 28.4	4	3.405	0.595	0.07	
1560	+ 34 1061	9.5	9.5	9.5	80.10	75.0	20 58.73	1	3.9925	+0.0093	0.021	+34 55 50.2	1	3.398	0.575	0.06	



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
1521	86 109	Hamburg, Lindstedt	B. B. VI 830	27 <sup>s</sup> 70	17" 1	Berlin A. G. Z. 190, 208 u. 356, 34 <sup>s</sup> .38, 27".6; 8 <sup>m</sup> .0.
1522	74 75	Washington	Weisse, 53 B. Z. 521	34.50	26.0	
1523	104 195	Leipzig, Engelmann	B. D. 721	39.4	35' 1	
1524	85 223	Kremsmünster	B. D. 833	8.1	50.5	
1525	69 87, 85 306	Wien	B. D. 888	42.5	53.2	
1526	69 69	Berlin, Romberg	Leiden A. G. Z. 262	52.41	20" 0	Berlin A. G. Z. 11, 17 u. 363, 39 <sup>s</sup> .16, 3".9; 8 <sup>m</sup> .7.
1527	70 199	Bonn, Argelander	Paris Cat, 6022	52.79	43.9	
1528	81 70	Berlin, Tietjen	Weisse, 156-7 B. Z. 395 u. 521	39.52	3.4	
1529	69 380	Leiden, Kam u. van [Hennekeler]	Paris Cat, 6037	1.25	0.4	
1530	81 70	Berlin, Tietjen	B. B. VI 849	19.36	46.9	
1531	69 69	Berlin, Romberg	Schjellerup 1693	52.76	2.1	Berlin A. G. Z. 11, 17, 364 u. 417 55 <sup>s</sup> .16, 21".0; 7 <sup>m</sup> .0.
1532	81 70	Berlin, Tietjen	Weisse, 211 B. Z. 515	41.28	6.8	
1533	78 291	Leiden, Kam	Lund A. G. Z. 491 u. 496	41.18	9.5	
1534	84 241	Berlin, Tietjen	Weisse, 233-4 B. Z. 395 u. 521	55.33	22.6	
1535	112 144	Cap	Gill-Kapteyn Photogr. D. M.	8.0	1' 3	
1536	86 315, 107 107	Leiden, E. Bakhuyzen	B. D. 886	15.9	32.1	B. D. zu corrigiren. Siehe Noten. Lacaille 1785. Berlin A. G. Z. 37, 40, 366 u. 412, 46 <sup>s</sup> .06, 53".5; 5 <sup>m</sup> .5. * Tauri. E. B. nach Pulk. + 0 <sup>s</sup> .0011, — 0".082. Siehe Noten. Stern schwach.
1537	88 190	Wien	.....	.....	.....	
1538	88 62	Bonn, Seeliger	.....	.....	.....	
1539	111 52	Hamburg, Schrader	Leiden A. G. Z. 271 u. 367	57.21	18" 9	
1540	88 315, 89 361	Cambr. (M.), Rogers	Paris Cat, 6081	9.79	58.0	
1541	86 313	Leiden, E. Bakhuyzen	B. D. 893	40.4	39' 9	B. D. zu corrigiren. Siehe Noten. Lacaille 1785. Berlin A. G. Z. 37, 40, 366 u. 412, 46 <sup>s</sup> .06, 53".5; 5 <sup>m</sup> .5. * Tauri. E. B. nach Pulk. + 0 <sup>s</sup> .0011, — 0".082. Siehe Noten. Stern schwach.
1542	102 93	Windsor, Tebbutt	Cordoba G. C. 6071	44.47	5" 9	
1543	111 171	Berlin, Knorre	Pulk. Obs. Vol. VIII p. 247 [Nr. 815]	46.05	55.2	
1544	111 51	Hamburg, Schrader	B. D. 1123	55.2	19' 9	
1545	81 70	Berlin, Tietjen	Berlin A. G. Z. 11, 17, 185, 186 u. 190	58.33	35" 7	
1546	86 315, 107 107	Leiden, E. Bakhuyzen	B. D. 894	11.1	25' 8	Berl. A. G. Z. 37, 40, u. 412, 38 <sup>s</sup> .04, 12".2; 8 <sup>m</sup> .9. o Columbae. E. B. + 0 <sup>s</sup> .007 — 0".36 n. Port. Cat. Pr. M. N. 327.
1547	69 364	Königsberg, Lorek	Paris Cat, 6101	12.45	28" 8	
1548	69 361	Königsberg, Lorek	Weisse, 314 B. Z. 524	37.67	12.4	
1549	91 211	Pola, J. Palisa	Cordoba G. C. 6098	58.70	8.6	
1550	69 69	Berlin, Romberg	Paris Cat, 6177	12.06	59.9	
1551	77 264	Leiden, Becker	Pulkowa Cat. 1875.0, 1213	31.35	21.5	O. Σ. 106.
1552	69 69	Berlin, Romberg	Weisse, 416 B. Z. 338	12.16	2.3	
1553	69 69	Berlin, Romberg	Brüssel Cat. 2079	20.82	10.9	
1554	81 70	Berlin, Tietjen	Lund A. G. Z. 82 u. 114	1.19	25.1	
1555	88 315	Cambr. (M.), Rogers	Weisse, 424 B. Z. 143	44.18	38.8	
1556	69 69	Berlin, Romberg	Weisse, 528-9 B. Z. 405 u. 523	1.09	47.2	Siehe Noten.
1557	69 361	Königsberg, Lorek	.....	.....	.....	
1558	69 69	Berlin, Romberg	Weisse, 540 B. Z. 330	7.72	34.2	
1559	111 51	Hamburg, Schrader	Lund A. G. Z. 383 u. 395	53.94	26.5	
1560	97 329	Pola, J. Palisa	B. D. 1061	55.4	55' 3	

NUM- MER.	NUMMER der nördl. u. süd. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle	Beob.	Pos.										
					1800 +									+		
1561	+ 35° 1137	6.6	....	7	69.94	70.0	5h 21m 21s 47	2	+ 4.0044	+ 0.0093	- 0.021	+ 35° 16' 14" 9	2	3" 365	- 0' 577	- 0' 06
1562	+ 40 1310	7.2	...	8	68.9	68.0	21 36.32	2	4.1944	+ 0.0109	0.027	+ 40 24 22.7	2	3.344	0.604	0.07
1563	+ 39 1321	7.7	....	8.0	69.0	68.0	21 56.80	2	4.1680	+ 0.0106	0.027	+ 39 43 37.7	2	3.315	0.601	0.07
1564	+ 17 936	9.5	9-10	9.5	65.13	65.0	22 0.14	1	3.4907	+ 0.0058	0.010	+ 17 36 17.6	1	3.310	0.503	0.04
1565	+ 59 886	9.4	....	9.4	83.96	80.0	22 2.20	1	5.2723	+ 0.0231	0.081	+ 59 3 43.9	1	3.306	0.760	0.13
1566	" "	"	....	...	78.97	77.0	2.58	2	"	"	"	46.7	2	"	"	-
1567	+ 39 1322	6.5	....	6.3	69.94	70.0	22 3.03	1	4.1680	+ 0.0105	0.027	+ 39 43 31.1	1	3.306	0.601	0.06
1568	+ 31 992	7.1	7.1	7.1	83.96	80.0	22 30.55	1	3.8778	+ 0.0082	0.018	+ 31 24 36.6	1	3.266	0.559	0.06
1569	+ 12 803	7.0	8	7	66.16	65.0	22 47.68	1	3.3568	+ 0.0051	0.007	+ 12 10 9.3	1	3.241	0.484	0.03
1570	+ 32 1016	9.0	....	9.0	72.17	72.0	23 32.40	2	3.9087	+ 0.0082	0.019	+ 32 21 35.1	2	3.177	0.564	0.03
1571	+ 8 982	8.0	....	8½	75.9	76.0	23 59.38	..	3.2649	+ 0.0046	0.007	+ 8 17 55.6	..	3.138	0.472	0.03
1572	- 2 1274	8.8	....	8.8	64.48	65.0	24 32.21	1	3.0154	+ 0.0037	0.004	- 2 27 57.7	1	3.091	0.436	0.02
1573	+ 17 945	8.2	8.9	8	74.00	70.0	24 46.78	2	3.4872	+ 0.0055	0.010	+ 17 26 7.5	2	3.069	0.504	0.04
1574	+ 32 1027	9.5	....	7-8	72.17	72.0	25 6.99	1	3.9043	+ 0.0079	0.018	+ 32 11 47.5	1	3.041	0.564	0.04
1575	+ 35 1164	9.5	....	9.5	80.9	80.0	25 9.06	..	4.0262	+ 0.0087	0.022	+ 35 49 22.5	..	3.038	0.582	0.03
1576	+ 36 1177	7.7	8.0	7.7	68.9	68.0	25 14.85	3	4.0454	+ 0.0088	0.022	+ 36 22 1.7	3	3.029	0.584	0.03
1577	+ 41 1226	8.5	....	8.6	69.96	70.0	26 35.92	2	4.2406	+ 0.0100	0.028	+ 41 27 7.6	2	2.912	0.613	0.03
1578	+ 23 947	9.4	9.5	9.4	68.96	68.0	26 37.68	1	3.6461	+ 0.0061	0.004	+ 23 27 5.2	1	2.909	0.527	0.13
1579	" "	"	9.7	...	68.13	68.0	37.90	1	"	"	"	4.1	1	"	"	-
1580	+ 31 1013	9.0	9.0	9.0	83.96	80.0	26 46.70	1	3.8845	+ 0.0075	0.018	+ 31 32 51.4	1	2.897	0.562	0.03
1581	+ 11 856	8.9	9	9	66.64	65.0	27 18.83	2	3.3511	+ 0.0047	0.007	+ 11 53 59.7	2	2.850	0.485	0.04
1582	+ 24 871	8.9	....	9.3	72.85	70.0	28 8.89	1	3.6851	+ 0.0061	0.014	+ 24 50 18.3	1	2.778	0.533	0.03
1583	+ 3 967	9.4	....	9.4	73.98	73.0	28 12.63	1	3.1507	+ 0.0039	0.006	+ 3 23 33.4	1	2.773	0.457	0.02
1584	" "	"	....	...	72.07	71.0	12.75	1	"	"	"	31.8	1	"	"	-
1585	- 4 1176	8.5	....	8.5	64.99	65.0	28 47.69	3	2.9694	+ 0.0034	0.004	- 4 26 27.9	3	2.722	0.430	0.02
1586	+ 12 829	8.0	....	7.9	66.17	65.0	29 8.02	2	3.3624	+ 0.0045	0.008	+ 12 21 16.9	2	2.693	0.487	0.03
1587	- 5 1325	9.0	8.3	9.0	71.88	70.0	29 22.74	4	2.9481	+ 0.0033	0.003	- 5 21 3.9	4	2.672	0.427	0.02
1588	+ 12 834	9.0	8.9	8.5	66.62	65.0	30 10.89	2	3.3709	+ 0.0045	0.008	+ 12 41 50.2	2	2.602	0.489	0.03
1589	+ 41 1239	9.5	....	9.5	68.9	68.0	30 13.52	1	4.2427	+ 0.0091	0.028	+ 41 26 32.2	1	2.598	0.615	0.03
1590	+ 15 869	8.8	9	9	67.99	65.0	30 15.84	1	3.4436	+ 0.0048	0.009	+ 15 38 52.1	1	2.595	0.499	0.03
1591	+ 41 1240	7.0	....	7	68.9	68.0	30 19.21	2	4.2364	+ 0.0090	0.028	+ 41 17 11.1	2	2.590	0.614	0.03
1592	+ 32 1059	7.7	....	7.7	72.17	72.0	30 31.49	2	3.9137	+ 0.0069	0.019	+ 32 23 57.9	2	2.572	0.567	0.04
1593	+ 30 963	6.0	....	6.0	70.00	70.0	30 36.53	3	3.8507	+ 0.0066	0.018	+ 30 24 57.1	3	2.565	0.558	0.04
1594	+ 15 872	8.3	....	8-9	78.9	78.0	30 41.79	2	3.4484	+ 0.0047	0.009	+ 15 50 13.9	2	2.557	0.500	0.03
1595	+ 17 966	9.5	9.5	9.5	73.98	70.0	30 58.64	2	3.4853	+ 0.0048	0.010	+ 17 17 52.9	2	2.533	0.505	0.04
1596	+ 22 969	9.1	9.1	8	83.96	80.0	31 28.78	2	3.6103	+ 0.0053	0.012	+ 22 4 30.7	2	2.489	0.523	0.03
1597	+ 12 843	8.8	....	9	66.17	66.0	31 30.35	2	3.3686	+ 0.0044	0.008	+ 12 35 35.6	2	2.487	0.489	0.03
1598	+ 10 841	8.3	(8.9)	9	66.07	65.0	33 17.88	2	3.3108	+ 0.0040	0.007	+ 10 11 0.8	2	2.331	0.480	0.03
1599	+ 15 893	9.0	....	9.0	79.0	78.0	33 47.84	5	3.4526	+ 0.0044	0.009	+ 15 58 33.4	5	2.288	0.501	0.03
1600	+ 42 1379	9.1	....	9.1	69.96	70.0	34 33.89	3	4.2798	+ 0.0082	0.031	+ 42 15 52.6	3	2.221	0.621	0.03

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N . DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N .
				A.R.	Decl.	
1561	81 70	Berlin, Tietjen	Paris Cat, 6296	21 <sup>s</sup> 50	14" 5	Lund A.G.Z. 118 u. 145, 21 <sup>s</sup> .47, 15"7; 7 <sup>m</sup> .2.
1562	74 247	Königsberg, Lorek	Weisse, 568 B.Z. 505	35.95	20.1	Bonn A.G.C. 4489, 36 <sup>s</sup> .46, 21"1; 7 <sup>m</sup> .8.
1563	78 291	Leiden, Kam	Lund A.G.Z. 76 u. 80	56.67	37.5	Rouge jaune.
1564	69 69	Berlin, Romberg	B. D. 936	58.1	35' 7	
1565	111 171	Berlin, Knorre	B. D. 886	3.9	3.9	
1566	94 283	Kremsmünster	.....	.....	.....	
1567	81 70	Berlin, Tietjen	Lund A.G.Z. 122 u. 134	3.20	32" 0	
1568	111 171 u. 223	Berlin, Knorre	Leiden A.G.Z. 262 u. 334	30.61	36.7	
1569	69 69, 67 122	Berlin, Romberg	Paris Cat, 6335	47.56	7.7	
1570	79 335, 81 153	Leiden, Valentiner	Leiden A.G.Z. 146 u. 248	32.56	35.0	
1571	88 315	Cambr. (M.) Rogers	Lalande 10344	58.87	48.7	Nicht im Pariser Cat. Siehe Noten.
1572	69 69	Berlin, Romberg	B. D. 1274	33.2	27' 1	
1573	84 229	Berlin, Knorre	Weisse, 685 B.Z. 340	46.92	9" 0	
1574	81 153, 79 235	Leiden, Valentiner	Weisse, 681-2 B.Z. 517 u. 525	6.73	49.5	Siehe Noten.
1575	102 285	Wien	B. D. 1164	8.4	49' 3	
1576	74 75	Washington	Pulk. Obs. Vol. VIII, p. 331 [Nr. 499]	15.04	0" 0	Lund A.G.Z. 101 u. 104, 14 <sup>s</sup> .92, 3"5; 8 <sup>m</sup> .4. Siehe Noten.
1577	81 70	Berlin, Tietjen	Bonn A.G.C. 4571	35.99	6.5	
1578	78 367	Leipzig, Engelmann	B. B. VI 947	37.50	1.8	
1579	71 176	Leipzig, Engelmann	.....	.....	.....	A.N. Declin. + 1' corrigirt cf. Publ. XVIII der A.G.
1580	111 171 u. 223	Berlin, Knorre	Leiden A.G.Z. 146 u. 248	46.71	52.1	
1581	69 69, 67 122	Berlin, Romberg	Glasgow Cat. I 1359	18.57	59.6	A. N. 67 A. R. 08.09 grösser, Declin. 0"1 südlicher.
1582	81 70	Berlin, Tietjen	Berlin A. G. C. B. 1806	8.69	18.2	
1583	86 313	Leiden, E. Bakhuyzen	B. B. VI 967	12.92	35.9	
1584	79 137 u. 147	Leiden, Valentiner	.....	.....	...	
1585	69 69	Berlin, Romberg	B. D. 1176	46.4	26' 0	
1586	69 69, 67 122	Berlin, Romberg	B. B. VI 829	8.05	14" 0	A. N. 67 Declin. 1"9 nördlicher.
1587	104 195	Leipzig, Engelmann	B. D. 1325	23.0	21' 5	
1588	69 69, 67 122	Berlin, Romberg	Schjellerup 1847	10.93	50" 2	
1589	74 248	Königsberg, Lorek	B. D. 1239	12.7	26' 9	
1590	72 113	Berlin, Romberg	Weisse, 890 B.Z. 338	15.41	52" 6	A. N. giebt an Dupl. praec. Siehe Noten.
1591	78 291	Leiden, Kam	Paris Cat, 6500	18.94	10.4	Bonn A.G.C. 4622, 19 <sup>s</sup> .12, 8"7; 6 <sup>m</sup> .6.
1592	81 153, 79 235	Leiden, Valentiner	Leiden A.G.Z. 249 u. 330	31.68	58.6	
1593	81 70	Berlin, Tietjen	Pulk Obs. Vol. VIII p. 249, 885	36.55	57.5	{ Leid. A.G.Z. 144 u. 255, 36 <sup>s</sup> .61, 57"1; Dupl. seq. 26 Aurigae. { E. B. nach Pulk. — 0 <sup>s</sup> .0034 + 0"005.
1594	101 185	Strassburg, Schur	Weisse, 902 B.Z. 338	41.69	12.7	
1595	84 229	Berlin, Knorre	B. D. 966	58.4	17' 4	
1596	111 171	Berlin, Knorre	Rümker 1497	28.71	32" 1	Berlin A. G. C. B. 1845, 28 <sup>s</sup> .86, 30"8; 8 <sup>m</sup> .7.
1597	67 25	Leiden, Kam u. van [Hennekeler]	Weisse, 750 B.Z. 56	30.41	37.0	
1598	69 69	Berlin, Romberg	Weisse, 807 B.Z. 53 u. 60	18.05	0.9	
1599	101 185	Strassburg, Schur	B. D. 893	47.6	58' 0	
1600	81 70	Berlin, Tietjen	B. D. 1379	33.8	15.2	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle	Beob.	Pos.											
					1800 +												
1601	+ 33° 1129	8.6	8.6	8.6	83.96	80.0	5h 35m 7s 14	1	+ 3.9522	+0.0063	-0.021	+33° 30' 24" 3	1	2" 173	-0" 574	-0" 04	
1602	» »	»	....	7	80.9	80.0	7.17	..	»	»	»	24.6	..	»	»	»	
1603	+ 25 935	9.2	9	...	66.12	65.0	35 27.88	2	3.7142	+0.0052	0.014	+25 46 38.8	2	2.143	0.539	0.02	
1604	+ 25 941	6.8	....	7	72.12	70.0	35 55.90	1	3.7030	+0.0051	0.014	+25 22 42.0	1	2.102	0.538	0	
1605	+ 48 1302	8.0	....	8	82.88	81.0	35 59.56	2	4.5979	+0.0097	0.045	+48 55 37.0	2	2.097	0.668	0.05	
1606	+ 45 1167	9.5	....	9.5	73.78	70.0	36 6.10	1	4.4086	+0.0085	0.036	+45 8 35.1	1	2.087	0.640	0.04	
1607	+ 30 993	7.5	....	8	68.03	65.0	36 28.14	2	3.8534	+0.0056	0.018	+30 25 45.0	2	2.055	0.560	0.04	
1608	+ 49 1400	7.7	....	9	82.93	81.0	36 53.12	2	4.6062	+0.0095	0.046	+49 4 15.9	2	2.019	0.669	0.04	
1609	+ 11 920	8.0	8	8	66.07	65.0	36 53.42	2	3.3391	+0.0038	0.007	+11 20 44.8	2	2.019	0.485	0.02	
1610	+ 24 940	7.9	....	8	72.85	70.0	36 56.55	1	3.6885	+0.0049	0.014	+24 51 29.9	1	2.014	0.536	0.05	
1611	+ 31 1078	9.3	8.5	9.3	65.12	65.0	37 20.16	2	3.8905	+0.0056	0.019	+31 35 38.7	2	1.980	0.565	0.04	
1612	+ 58 859	8.9	8.9	8.8	83.96	80.0	37 24.70	2	5.2322	+0.0137	0.081	+58 22 3.9	2	1.973	0.760	0.07	
1613	+ 45 1171	8.8	....	8.9	82.11	80.0	37 52.84	4	4.4193	+0.0080	0.036	+45 20 59.0	4	1.932	0.642	0.04	
1614	+ 13 971	8.4	8.9	8-9	66.17	65.0	37 59.06	2	3.3922	+0.0038	0.009	+13 31 14.5	2	1.923	0.493	0.01	
1615	+ 12 884	7.0	8.1	7	70.37	70.0	37 59.46	3	3.3754	+0.0038	0.008	+12 49 58.7	4	1.923	0.491	0.02	
1616	+ 24 948	9.1	9.3	9.1	69.91	69.0	38 1.95	1	3.6828	+0.0047	0.014	+24 38 37.9	1	1.919	0.535	0.02	
1617	+ 42 1396	6.8	....	7	69.0	68.0	38 18.15	2	4.2909	+0.0072	0.032	+42 28 39.8	2	1.896	0.624	0.05	
1618	+ 22 1025	8.3	....	8-9	72.11	70.0	38 36.59	2	3.6296	+0.0044	0.013	+22 43 11.7	2	1.869	0.528	0.02	
1619	+ 56 1065	6.6	....	6.5	81.5	81.0	39 54.40	..	5.1132	+0.0115	0.073	+56 52 26.6	..	1.756	0.744	0.06	
1620	+ 0 1177	Neb.	9.7	11	74.08	70.0	40 19.34	4	3.0729	+0.0030	0.005	+ 0 1 36.7	4	1.720	0.447	0.01	
1621	+ 13 979	5.3	5.6	6	66.19	65.0	40 37.66	2	3.4007	+0.0036	0.009	+13 51 8.2	2	1.693	0.495	0.01	
1622	+ 31 1111	7.0	....	7.0	64.92	65.0	41 48.11	2	3.8968	+0.0048	0.019	+31 44 37.4	2	1.591	0.559	0.05	
1623	+ 49 1414	8.5	....	8.3	81.88	80.0	41 57.79	4	4.6218	+0.0077	0.047	+49 18 1.9	4	1.577	0.673	0.04	
1624	+ 12 910	8.3	8	8-9	78.12	75.0	42 12.26	1	3.3582	+0.0034	0.008	+12 6 26.5	1	1.556	0.489	0.02	
1625	+ 18 985	8.8	....	9	65.07	65.0	43 14.02	2	3.5283	+0.0036	0.011	+18 53 2.9	2	1.466	0.514	0.02	
1626	+ 32 1109	6.6	7	6.6	67.09	65.0	43 17.02	2	3.9082	+0.0046	0.019	+32 5 11.1	2	1.462	0.569	0.05	
1627	+ 22 1062	9.2	....	9.2	72.11	70.0	43 37.82	2	3.6260	+0.0038	0.013	+22 33 4.0	2	1.431	0.528	0.02	
1628	+ 30 1033	7.4	....	7.4	81.13	80.0	43 39.39	3	3.8710	+0.0044	0.018	+30 55 12.6	3	1.429	0.564	0.05	
1629	+ 41 1286	9.5	....	9.5	81.9	81.0	43 41.60	..	4.2415	+0.0056	0.030	+41 14 38.0	..	1.426	0.618	0.05	
1630	+ 42 1427	9.0	...	9	69.0	68.0	44 2.73	2	4.3150	+0.0058	0.033	+42 58 37.4	2	1.395	0.629	0.05	
1631	+ 30 1038	9.4	....	9.4	81.0	81.0	44 37.82	1	3.8615	+0.0042	0.018	+30 36 46.8	1	1.344	0.563	0.01	
1632	.....	...	....	6.8	77.16	75.0	45 8.83	3	2.2814	+0.0025	0.001	-30 39 32.9	3	1.299	0.333	0.01	
1633	+ 36 1282	6.9	....	7	82.15	80.0	45 10.83	2	4.0451	+0.0046	0.023	+36 5 54.6	2	1.296	0.589	0.02	
1634	+ 25 1019	8.5	....	8-9	66.10	65.0	45 46.69	2	3.7148	+0.0037	0.015	+25 42 38.5	2	1.244	0.541	0.02	
1635	+ 26 992	8.3	....	8-9	73.78	70.0	46 12.96	2	3.7345	+0.0037	0.016	+26 23 32.9	2	1.205	0.544	0.02	
1636	+ 57 922	8.2	....	8.5	82.95	81.0	46 20.33	2	5.1510	+0.0083	0.076	+57 17 58.1	2	1.195	0.750	0.04	
1637	+ 56 1080	8.4	....	8.6	82.88	81.0	46 27.35	2	5.1242	+0.0081	0.076	+56 57 33.5	2	1.184	0.746	0.04	
1638	+ 15 973	9.3	9	9.3	77.08	75.0	46 40.33	2	3.4401	+0.0031	0.001	+15 24 31.6	2	1.166	0.501	0.01	
1639	- 14 1267	8.0	....	8.0	83.9	83.0	46 51.81	4	2.7249	+0.0024	0.002	-14 35 18.9	4	1.149	0.397	0.01	
1640	+ 30 1050	8.9	....	...	?	81.0	46 51.85	..	3.8526	+0.0038	0.018	+30 18 39.0	..	1.149	0.561	0.01	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1601	111 171	Berlin, Knorre	Leiden A.G.Z. 143 u. 253	7 <sup>s</sup> 13	24" 2	2 Polaer mit 1 Wiener Beob. verbunden. A.N. 67 Declin. 0"2 südlicher.
1602	102 285	Pola u. Wien	Rümker 1525	7.13	23.6	
1603	69 69, 67 120	Berlin, Romberg	Rümker N.F. 2682	27.59	39.0	Bonn A.G.C. 4693, 59 <sup>s</sup> .36, 36"2; 8 <sup>m</sup> .4.
1604	81 70	Berlin, Tietjen	Paris Cat, 6630	56.01	41.7	
1605	104 305	Strassburg	Paris Cat, 6632	59.39	37.7	Bonn A.G.C. 4699, 53 <sup>s</sup> .32, 15"7; 7 <sup>m</sup> .8.
1606	84 241	Berlin, Tietjen	B.D. 1167	4.5	8' 3	
1607	72 113	Berlin, Romberg	Leiden A.G.Z. 262 u. 334	28.15	44" 4	A.N. 67 A.R. 0 <sup>s</sup> .01 kleiner 3 0".1 nördl. Nicht im Paris Cat.
1608	104 305	Strassburg	Arg.-Oeltzen 6166	53.21	16.6	
1609	69 69, 67 122	Berlin, Romberg	Lalande 10810	52.90	44.4	Berlin A.G.C.B. 1911, 56 <sup>s</sup> .52, 31"6; 8 <sup>m</sup> .3.
1610	81 70	Berlin, Tietjen	Paris Cat, 6656	56.44	30.1	
1611	69 69	Berlin, Romberg	B.B. VI 1078	20.08	36.6	Bonn A.G.C. 4727, 17 <sup>s</sup> .93, 37"6; 6 <sup>m</sup> .8.
1612	111 171	Berlin, Knorre	Helsingfors A.G.C. 4183	24.75	5.4	
1613	111 51	Hamburg, Schrader	Bonn A.G.C. 4723	52.92	54.2	Berlin A.G.C.B. 1940, 36 <sup>s</sup> .71, 12"5; 8 <sup>m</sup> .3.
1614	69 69, 67 122	Berlin, Romberg	Weisse, 938 B.Z. 146	59.01	14.5	
1615	104 195	Leipzig, Engelmann	Paris Cat, 6682	59.50	55.7	A.N. Declin. — 10° corrigirt. Siehe Noten.
1616	76 44	Leipzig, Engelmann	B.D. 948	1.6	38' 4	
1617	78 291	Leiden, Kam	Paris Cat, 6689	17.78	37" 7	Dupl. 9 <sup>m</sup> .9 Pos. 30° Δ 60" = Harv. Z. Nr. 161 11 <sup>m</sup> . S. Noten.
1618	81 70	Berlin, Tietjen	Weisse, 1237-8 B.Z. 334 u. 524	36.89	12.7	
1619	100 94	Stockholm	Helsingfors A.G.C. 4199	54.34	26.8	A.N. 67 Declin. 0"2 südlicher.
1620	104 195	Leipzig, Engelmann	Harvard Zones 31 u. 33 Nr. 160	19.16	37.2	
1621	69 69, 67 122	Berlin, Romberg	Paris Cat, 6759	37.65	11.6	A.N. Declin. + 20' corrigirt. cf. Publ. XVIII der A.G.
1622	69 69	Berlin, Romberg	Leiden A.G.Z. 365 u. 368	47.97	35.8	
1623	111 51	Hamburg, Schrader	Bonn A.G.C. 4769	57.81	0.0	Bonn A.G.C. 4798, 2 <sup>s</sup> .39, 37"5; 8 <sup>m</sup> .9.
1624	92 369	Pola, J. Palisa	Weisse, 1033 B.Z. 56	12.40	27.8	
1625	69 69	Berlin, Romberg	Weisse, 1391 B.Z. 335	13.80	2.6	Lund A.G.Z. 101 u. 104, 10 <sup>s</sup> .83, 55"0; 7 <sup>m</sup> .0 u. 8 <sup>m</sup> .3.
1626	69 69	Berlin, Romberg	Leiden A.G.Z. 271 u. 349	16.93	10.9	
1627	81 70	Berlin, Tietjen	B.D. 1062	37.8	32' 9	A.N. 67 Declin. 0"2 südlicher.
1628	111 52 u. 222	Hamburg, Schrader	Leiden A.G.Z. 143 u. 253	39.38	13" 1	
1629	102 285	Wien	B.D. 1286	40.3	14' 2	Lund A.G.Z. 101 u. 104, 10 <sup>s</sup> .83, 55"0; 7 <sup>m</sup> .0 u. 8 <sup>m</sup> .3.
1630	78 291	Leiden, Kam	Weisse, 1397 B.Z. 511	2.50	38" 8	
1631	102 285	Pola	B.D. 1038	36.8	35' 9	A.N. 67 Declin. 0"2 südlicher.
1632	91 211	Pola, J. Palisa	Cordoba G.C. 6866	8.80	31" 2	
1633	111 52	Hamburg, Schrader	Paris Cat, 6890	10.71	55.0	A.N. 67 Declin. 0"2 südlicher.
1634	69 69, 67 120	Berlin, Romberg	Paris Cat, 6902	46.66	38.6	
1635	84 241, 86 81	Berlin, Tietjen	Paris Cat, 6916	12.87	33.8	Lund A.G.Z. 101 u. 104, 10 <sup>s</sup> .83, 55"0; 7 <sup>m</sup> .0 u. 8 <sup>m</sup> .3.
1636	104 307	Strassburg	Helsingfors A.G.C. 4253	20.23	57.9	
1637	104 307	Strassburg	Helsingfors A.G.C. 4254	27.36	33.8	A.N. 67 Declin. 0"2 südlicher.
1638	91 211	Pola, J. Palisa	B.D. 973	40.3	24' 8	
1639	108 391	Strassburg Schur	Yarnall 2486	51.77	17" 5	Lund A.G.Z. 101 u. 104, 10 <sup>s</sup> .83, 55"0; 7 <sup>m</sup> .0 u. 8 <sup>m</sup> .3.
1640	102 285	Leiden	Kam 1039	51.72	41.5	

NUM-MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle:	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied
1641	+ 31° 1039	6.2	....	6.2	65.55	65.0	5h 46m 52s 38	2	+ 3.8960	+0.0039	-0.019	+31° 40' 51" 0	2	+ 1" 148	-0' 568	-0" 02
1642	+ 43 1383	8.9	....	9.1	68.9	68.0	47 10.74	2	4.3203	+0.0049	0.030	+43 4 28.9	2	1.121	0.630	0.01
1643	" "	"	....	...	70.09	70.0	11.06	1	"	"	"	32.0	1	"	"	"
1644	+ 14 1074	7.3	7	8	66.66	65.0	47 49.03	2	3.4099	+0.0029	0.009	+14 11 41.2	2	1.065	0.497	0.01
1645	+ 28 952	6.5	7	6.5	80.88	75.0	48 37.35	4	3.8100	+0.0034	0.017	+28 55 11.2	4	0.995	0.555	0.02
1646	- 15 1212	7.7	....	7½	83.2	83.0	48 46.65	4	2.6954	+0.0024	0.002	-15 45 28.5	4	0.982	0.393	0.01
1647	- 12 1310	7.5	....	8-9	83.9	83.0	49 11.93	4	2.7649	+0.0024	0.002	-12 57 42.3	4	0.945	0.403	0.01
1648	+ 27 922	8.9	....	8.9	82.01	80.0	49 13.55	3	3.7698	+0.0033	0.016	+27 34 50.5	3	0.942	0.550	0.00
1649	.....	...	9.5	9.5	83.96	80.0	50 0.45	1	3.8747	+0.0033	0.019	+30 59 47.8	1	0.874	0.565	0.02
1650	+ 30 1068	9.5	9.5	9.5	83.96	80.0	50 10.92	1	3.8738	+0.0033	0.019	+30 58 8.0	1	0.859	0.565	0.02
1651	+ 40 1472	7.6	7.6	6.9	?	81.0	50 32.30	..	4.1939	+0.0037	0.029	+40 1 6.2	..	0.828	0.611	0.01
1652	+ 25 1058	7.3	8	7-8	80.97	75.0	51 8.45	4	3.7170	+0.0029	0.016	+25 45 45.8	4	0.775	0.542	0.01
1653	+ 43 1409	8.3	....	8.4	68.9	68.0	52 6.71	2	4.3476	+0.0036	0.031	+43 39 58.9	2	0.690	0.634	-0.01
1654	.....	...	....	6.7	77.14	75.0	52 9.21	5	2.2375	+0.0024	0.001	-31 59 37.3	5	0.686	0.326	0.00
1655	+ 31 1162	7.7	....	7.7	65.10	65.0	52 44.66	3	3.9057	+0.0028	0.019	+31 57 10.3	3	0.635	0.569	-0.01
1656	+ 17 1084	8.9	....	8.9	79.0	78.0	52 56.80	5	3.4972	+0.0025	0.011	+17 38 23.9	5	0.617	0.510	-0.01
1657	+ 30 1081	8.9	....	8.9	81.13	80.0	53 7.44	3	3.8698	+0.0028	0.019	+30 49 49.7	3	0.602	0.564	-0.01
1658	- 10 1333	9.1	9.5	9.1	65.01	65.0	53 12.30	2	2.8252	+0.0022	0.003	-10 28 20.9	2	0.595	0.412	0.00
1659	+ 14 1110	9.2	9.2	9.2	68.9	68.0	53 43.58	2	3.4262	+0.0024	0.009	+14 50 3.8	2	0.549	0.500	-0.01
1660	+ 16 963	8.9	8.9	9	83.96	80.0	53 49.37	1	3.4677	+0.0024	0.010	+16 29 0.4	1	0.540	0.506	-0.01
1661	- 14 1300	8.5	7½	8-9	83.2	83.0	54 1.89	2	2.7212	+0.0022	0.002	-14 43 6.3	2	0.522	0.397	0.00
1662	" "	...	....	8	83.1	83.0	2.26	4	"	"	"	6.1	4	"	"	"
1663	+ 6 1085	9.5	....	9.5	82.9	82.0	54 18.94	..	3.2329	+0.0022	0.006	+ 6 51 13.9	..	0.497	0.471	-0.01
1664	+ 16 967	7.7	8	8	68.04	65.0	54 24.87	3	3.4790	+0.0023	0.010	+16 55 42.9	3	0.489	0.507	0.00
1665	+ 28 989	9.1	....	9-10	81.0	81.0	54 41.45	3	3.7890	+0.0024	0.017	+28 12 5.6	3	0.464	0.553	-0.01
1666	+ 63 630	6.5	....	6.6	82.88	81.0	54 41.57	2	5.7478	+0.0049	0.123	+63 27 19.5	2	0.465	0.838	-0.02
1667	- 10 1343	8.8	....	8.	82.9	83.0	54 50.62	4	2.8320	+0.0022	0.003	-10 11 17.4	4	0.451	0.413	0.00
1668	+ 25 1089	8.0	....	8	73.79	70.0	55 7.23	1	3.7208	+0.0023	0.016	+25 53 0.5	1	0.427	0.543	-0.01
1669	" "	"	9	...	66.09	65.0	7.27	3	"	"	"	3.1	3	"	"	"
1670	- 15 1242	8.5	....	9	83.2	83.0	55 8.67	4	2.7139	+0.0022	0.002	-15 0 34.1	4	0.425	0.396	0.00
1671	+ 19 1182	9.0	....	8.3	81.13	80.0	55 15.39	4	3.5569	+0.0022	0.011	+19 55 53.2	4	0.415	0.519	0.00
1672	+ 27 963	8.7	....	8.6	82.00	80.0	55 35.02	2	3.7723	+0.0023	0.017	+27 38 32.4	2	0.386	0.550	-0.01
1673	+ 30 1094	9.1	....	9.1	65.9	65.0	55 38.60	4	3.8611	+0.0023	0.018	+30 32 46.9	4	0.381	0.563	-0.01
1674	+ 26 1045	8.9	....	9	73.77	70.0	55 40.91	1	3.7322	+0.0022	0.016	+26 16 39.4	1	0.378	0.544	0.00
1675	+ 62 812	8.4	8.4	8.5	81.54	81.0	56 25.16	2	5.6769	+0.0034	0.117	+62 49 55.2	2	0.313	0.828	-0.01
1676	+ 18 1070	8.0	....	8.5	79.0	78.0	56 28.86	5	3.5133	+0.0021	0.011	+18 15 52.2	5	0.308	0.512	0.00
1677	+ 20 1233	5.1	5.1	6	83.96	80.0	56 29.80	1	3.5625	+0.0021	0.012	+20 8 20.2	1	0.306	0.520	0.00
1678	- 18 1276	8.0	8	8	83.2	83.0	56 55.69	2	2.6232	+0.0022	0.002	-18 33 58.4	2	0.269	0.383	0.00
1679	+ 40 1488	7.5	7.5	...	?	81.0	57 7.63	..	4.2218	+0.0022	0.030	+40 41 36.1	..	0.251	0.616	+0.01
1680	+ 18 1077	9.4	....	9.4	74.0	74.0	57 19.18	3	3.5308	+0.0020	0.011	+18 55 55.8	3	0.235	0.515	0.00

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1641	69 69	Berlin, Romberg	Leiden A. G. Z. 146 u. 248	52 <sup>s</sup> 24	49 <sup>o</sup> 0	E. B. — 0 <sup>s</sup> .004, — 0 <sup>o</sup> .20 nach Porter Cat. Pr. Mot. Nr. 357.
1642	74 248	Königsberg, Lorek	Bonn A. G. C. 4833	10.74	30.5	
1643	81 70	Berlin, Tietjen	.....	.....	.....	
1644	69 69, 67 122	Berlin, Romberg	Glasgow Cat. I 1461	48.92	39.4	A. N. 67 A. R. 0 <sup>s</sup> .02 kleiner Declin. 0 <sup>o</sup> 3 nördlicher. Leiden getrennt von Wash. Obs. 1875.
1645	110 295	Leiden, E. Bakhuyzen, [Stieltjes, Wilterdink]	Greenw. 10 Y. Cat. 1003	37.36	11.3	
1646	108 389	Strassburg, Schur	Cordoba G. C. 6940	46.68	25.9	
1647	108 391	Strassburg, Schur	Paris Cat., 6969	11.91	41.0	Siehe Noten.
1648	111 52	Hamburg, Schrader	B. B. VI 922	13.58	47.2	
1649	111 171	Berlin, Knorre	Pulkowa mikrom. Anschluss	0.6	59 <sup>o</sup> 8	
1650	111 171 u. 222	Berlin, Knorre	B. B. VI 1068	10.92	5 <sup>o</sup> 7	
1651	108 183	Wien	Lund A. G. Z. 88 u. 97	32.34	7.0	{ Wien verbunden mit A. G. Z. Lund und Bonn. Bonn A. G. C. 4877, 32 <sup>s</sup> .32, 5 <sup>o</sup> .1; 7 <sup>m</sup> .3.
1652	110 297	Leiden, E. Bakhuyzen, [Stieltjes, Wilterdink]	Paris Cat., 7011	8.70	46.0	
1653	74 248	Königsberg, Lorek	Bonn A. G. C. 4911	6.75	57.1	
1654	91 211	Pola, J. Palisa	Cordoba G. C. 7040	9.30	36.4	
1655	69 69	Berlin, Romberg	Leiden A. G. Z. 271 u. 349	44.56	9.6	
1656	101 185	Strassburg, Schur	B. D. 1084	57.5	38 <sup>o</sup> 2	
1657	111 52, 101 281	Hamburg, Schrader	Leiden A. G. Z. 143 u. 253	7.38	50 <sup>o</sup> 5	A. N. Declin + 1 <sup>o</sup> corrigirt cf. A. N. 78, 167.
1658	69 69	Berlin, Romberg	B. D. 1333	12.1	28 <sup>o</sup> 7	
1659	74 75	Washington	B. D. 1110	43.4	49.7	
1660	111 171 u. 222	Berlin, Knorre	Weisse, 1740 B. Z. 338	49.51	2 <sup>o</sup> 5	
1661	106 279	Cordoba	Paris Cat., 7094	2.31	3.7	
1662	108 389	Strassburg	Lalande 11404	2.31	3.9	
1663	105 384	Wien	B. D. 1085	17.9	51 <sup>o</sup> 7	
1664	72 113	Berlin, Romberg	Weisse, 1761-2 B. Z. 335 u. 338	24.94	40 <sup>o</sup> 9	A. N. A. R. — 1 <sup>s</sup> corrigirt. Siehe Noten.
1665	100 275	Washington	Paris Cat., 7110	41.48	9.1	
1666	104 307	Strassburg	Helsingfors A. G. C. 4325	41.45	20.9	
1667	108 391	Strassburg, Schur	M <sub>1</sub> 1637	50.57	14.4	Siehe Noten
1668	84 241	Berlin, Tietjen	Weisse, 1773 B. Z. 405	7.25	7.9	
1669	69 69, 67 120	Berlin, Romberg	Rümker 1664	7.00	4.1	
1670	108 389	Strassburg, Schur	Paris Cat., 7117	8.66	33.5	A. N. 67. Declin. 0 <sup>o</sup> 3 südlicher.
1671	111 52 u. 223, 101 281	Hamburg, Schrader	Küstner 193	15.37	54.3	
1672	111 52	Hamburg, Schrader	Pulkowa Cat. 1875.0, 1385	35.05	31.6	
1673	69 364	Königsberg, Lorek	B. D. 1094	38.3	32 <sup>o</sup> 5	Σ 830 seq. bor. maj.
1674	84 241	Berlin, Tietjen	Paris Cat., 7132	40.95	40 <sup>o</sup> 1	
1675	102 297, 108 389	Berlin, Leman	Helsingfors A. G. C. 4339	25.28	53.8	
1676	101 185	Strassburg, Schur	Pulkowa Cat. 1875.0, 1387	28.84	55.0	{ Σ 835 praec. bor. maj. A. N. Declin. + 14 <sup>o</sup> .0 corr. s. Noten. Berlin A. G. C. B. 2150, 29 <sup>s</sup> .81, 20 <sup>o</sup> 5; 6 <sup>m</sup> .0. X <sup>s</sup> Orionis. E. B. nach Pulk. 0 <sup>s</sup> .0000, + 0 <sup>o</sup> .006.
1677	111 171 u. 223	Berlin, Knorre	Pulk. Obs. Vol VIII. p. 251, 967	29.80	21.1	
1678	106 279	Cordoba	Arg.-Weiss 3834	55.65	59.7	
1679	108 183	Wien	B. B. VI 1488	7.63	35.5	{ Wien verbunden mit A. G. Z. Bonn. Bonn A. G. C. 4981, 7 <sup>s</sup> .74, 36 <sup>o</sup> 4; 7 <sup>m</sup> .5.
1680	84 66	Washington	B. D. 1077	18.7	55 <sup>o</sup> 9	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
1681	.....	...	....	9.5	?	81.0	5h 57m 26s.09	..	+ 4 <sup>s</sup> 2097	+0 <sup>s</sup> 0021	-0 <sup>s</sup> 030	+40° 23' 36"7	..	0"224	-0"614	+ 0"01
1682	+ 16° 989	7.8	7.8	8	83.96	80.0	57 36.85	1	3.4724	+0.0020	0.010	+16 39 49.1	1	0.209	0.506	0.00
1683	+ 31 1193	7.9	....	7.9	65.54	65.0	57 50.08	2	3.9062	+0.0019	0.020	+31 57 27.0	2	0.189	0.570	0.00
1684	+ 31 1196	8.6	....	8.6	65.03	65.0	58 28.67	2	3.9069	+0.0018	0.020	+31 58 35.7	2	0.133	0.570	0.00
1685	- 18 1287	9.2	....	8.5	83.1	83.0	58 43.57	1	2.6203	+0.0019	0.002	-18 40 39.7	1	0.112	0.382	0.00
1686	- 18 1289	8.2	....	8½	83.1	83.0	58 54.39	4	2.6119	+0.0018	0.002	-18 59 54.5	4	0.096	0.381	0.00
1687	- 19 1341	8.8	8½	8-9	83.2	83.0	59 4.04	2	2.6048	+0.0021	0.002	-19 16 21.9	2	0.082	0.380	0.00
1688	» »	»	....	9.2	83.1	83.0	4.11	4	»	»	»	24.2	4	»	»	»
1689	+ 60 931	6.9	....	6.7	73.53	73.0	59 54.83	2	5.4325	+0.0009	0.097	+60 28 15.1	2	0.007	0.793	+ 0.01
1690	+ 18 1095	8.5	....	8-9	67.09	65.0	59 59.08	2	3.5275	+0.0017	0.011	+18 48 21.2	2	+0.001	0.514	0.00
1691	+ 30 1122	8.0	....	8.0	65.9	65.0	6 0 27.74	3	3.8625	+0.0015	0.018	+30 35 18.1	3	-0.040	0.563	0.00
1692	+ 41 1371	7.5	7.5	9	83.96	80.0	0 40.13	1	4.2451	+0.0013	0.031	+41 15 35.7	1	0.058	0.619	+ 0.01
1693	- 6 1412	6.0	7.3	7.0	73.88	70.0	0 52.61	4	2.9273	+0.0019	0.004	- 6 11 21.9	4	0.077	0.427	0.00
1694	+ 21 1127	9.2	....	9	72.45	70.0	0 57.22	2	3.6068	+0.0015	0.013	+21 47 39.4	2	0.083	0.526	0.00
1695	+ 6 1129	9.3	....	9.3	70.99	70.0	1 33.73	1	3.2327	+0.0017	0.006	+ 6 50 27.3	1	0.136	0.471	0.00
1696	- 21 1353	6.1	6	6.3	75.20	80.0	1 40.21	3	2.5375	+0.0021	0.002	-21 47 56.8	3	0.146	0.370	0.00
1697	+ 18 1105	9.4	....	9.4	74.0	74.0	1 51.51	3	3.5262	+0.0015	0.011	+18 45 14.3	3	0.163	0.514	0.00
1698	+ 18 1107	9.4	....	9.4	74.0	74.0	2 16.48	3	3.5248	+0.0014	0.011	+18 42 5.6	3	0.199	0.514	0.00
1699	+ 42 1501	9.1	....	9.1	81.6	81.0	2 38.69	3	4.2805	+0.0007	0.032	+42 6 24.7	1	0.231	0.624	+ 0.01
1700	+ 42 1503	8.9	....	8.9	81.6	81.0	2 42.82	2	4.2804	+0.0007	0.032	+42 6 21.6	2	0.237	0.624	+ 0.01
1701	+ 21 1138	9.5	....	9.5	72.10	70.0	2 44.19	1	3.6004	+0.0013	0.012	+21 33 22.2	1	0.239	0.525	0.00
1702	+ 41 1386	9.2	....	9	83.96	80.0	3 2.47	1	4.2648	+0.0006	0.030	+41 44 3.0	1	0.266	0.622	+ 0.01
1703	+ 18 1111	8.2	8	...	67.09	65.0	3 22.03	2	3.5254	+0.0013	0.011	+18 43 28.6	2	0.295	0.514	0.00
1704	- 6 1431	9.0	....	9.3	74.10	70.0	3 25.65	4	2.9245	+0.0018	0.004	- 6 18 21.3	4	0.300	0.426	0.00
1705	+ 24 1151	6.7	....	6.7	69.93	69.0	3 52.22	2	3.6799	+0.0011	0.015	+24 26 43.6	2	0.339	0.536	0.00
1706	- 20 1297	8.8	....	9	83.1	83.0	3 52.58	4	2.5681	+0.0020	0.002	-20 39 42.2	4	0.339	0.374	0.00
1707	.....	...	....	10	70.98	70.0	4 26.28	1	3.2327	+0.0015	0.006	+ 6 50 53.0	1	0.388	0.471	0.00
1708	+ 65 519	8.2	....	7.5	82.52	81.0	4 35.65	2	6.0401	-0.0035	0.152	+65 45 14.8	2	0.402	0.880	+ 0.05
1709	+ 3 1152	9.0	....	8.5	82.9	82.0	4 57.46	..	3.1626	+0.0015	0.006	+ 3 52 3.2	..	0.434	0.461	0.00
1710	- 20 1312	9.1	....	8-9	83.1	83.0	5 27.73	5	2.5632	+0.0020	0.002	-20 50 53.8	5	0.478	0.373	0.00
1711	+ 31 1239	8.6	....	8.6	81.09	80.0	6 42.14	3	3.8977	+0.0003	0.019	+31 42 15.4	3	0.586	0.568	0.00
1712	+ 67 422	8.5	....	8.1	82.88	81.0	6 43.48	2	6.3696	-0.0067	0.189	+67 56 16.5	2	0.588	0.928	+ 0.05
1713	+ 42 1513	9.0	9.0	8.8	83.96	80.0	6 49.13	2	4.2965	-0.0005	0.033	+42 29 37.4	2	0.597	0.626	+ 0.01
1714	+ 20 1328	9.5	....	9.5	81.0	81.0	7 18.59	..	3.5796	+0.0008	0.012	+20 47 22.8	..	0.640	0.521	0.00
1715	.....	...	8	...	81.53	81.0	7 25.34	1	6.3529	-0.0073	0.186	+67 50 17.9	1	0.649	0.926	+ 0.06
1716	+ 31 1246	8.5	....	8.5	81.13	80.0	7 36.18	3	3.9031	+0.0002	0.020	+31 52 19.5	3	0.665	0.569	0.00
1717	+ 45 1279	8.9	....	...	70.03	70.0	7 56.40	2	4.4255	-0.0011	0.037	+45 21 50.2	2	0.695	0.645	+ 0.02
1718	+ 43 1504	9.3	9.3	9.3	83.16	83.0	7 58.54	3	4.3203	-0.0009	0.033	+43 2 51.7	3	0.698	0.629	0.02
1719	+ 16 1059	7.8	8.0	8	69.0	68.0	8 8.37	2	3.4672	+0.0009	0.010	+16 28 3.1	2	0.712	0.505	0.01
1720	+ 43 1506	9.3	....	9.3	83.17	81.0	8 22.07	2	4.3204	-0.0010	0.033	+43 3 10.5	2	0.732	0.629	0.02



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1681	108 183	Hamburg	A.N.100,173 mikr. Anschluss	26 <sup>s</sup> 20	34"9	
1682	111 171 u. 222	Berlin, Knorre	Paris Cat, 7186	36.87	48.2	
1683	69 70	Berlin, Romberg	Leiden A. G. Z. 156 u. 368	50.00	26.6	
1684	69 70	Berlin, Romberg	Leiden A. G. Z. 196 u. 248	28.50	33.9	
1685	105 267	Strassburg	B. D. 1287	44.0	40'.5	
1686	108 389	Strassburg, Schur	Cordoba G. C. 7215	54.33	55"3	
1687	106 279	Cordoba	Arg.-Weiss 3867	4.07	22.2	
1688	108 389	Strassburg, Schur	Cincinnati Zones 928	4.06	25.3	
1689	85 197	Leiden, E. Bakhuyzen [u. Valentiner]	Helsingfors A. G. C. 4369	55.16	15.7	E. B. nach Helsingf. Cat. — 0 <sup>s</sup> .013, — 0"'.018.
1690	69 70	Berlin, Romberg	Lalande 11576-7	58.94	21.6	Nicht im Pariser Cat.
1691	69 364	Königsberg, Lorek	Leiden A. G. Z. 262 u. 334	27.68	17.3	
1692	111 171 u. 221	Berlin, Knorre	Brüssel 2481	40.13	34.9	Bonn A. G. C. 5031, 40 <sup>s</sup> .12, 33"'.3; 7 <sup>m</sup> .3.
1693	104 193	Leipzig, Engelmann	Cordoba G. C. 7267	52.68	23.2	
1694	81 70	Berlin, Tietjen	Weisse, 1991, B. Z. 334	57.41	36.5	Berlin A. G. C. B. 2205, 57 <sup>s</sup> .20, 39"'.1; 8 <sup>m</sup> .7.
1695	77 265	Leiden, Valentiner	B. D. 1129	31.3	52'.4	
1696	88 19	Berlin, Becker	Cordoba G. C. 7302	40.31	56"8	
1697	84 66	Washington	B. D. 1105	51.6	45'.9	
1698	84 66	Washington	B. D. 1107	16.1	42.1	
1699	105 183, 108 183	Königsberg	B. B. VI 1501	39.19	27"3	Bonn A. G. C. 5064, 38 <sup>s</sup> .83, 22"'.0; 8 <sup>m</sup> .7.
1700	105 183, 108 183	Königsberg	B. B. VI 1503	42.93	25.2	Bonn A. G. C. 5066, 42.83, 21.2; 8.5.
1701	81 70	Berlin, Tietjen	B. B. VI 1138	43.72	22.5	
1702	111 171 u. 221	Berlin, Knorre	Weisse, 2050 B. Z. 522	2.42	4.3	Bonn A. G. C. 5068, 2 <sup>s</sup> .31, 3"'.6; 9 <sup>m</sup> .2.
1703	69 70	Berlin, Romberg	Kam 1078	21.94	28.5	
1704	104 195	Leipzig, Engelmann	Schjellerup 2066-7	25.53	23.2	v. Kuffnersche Zone 3, 25 <sup>s</sup> .54, 19"'.9.
1705	81 70	Berlin, Tietjen	Greenwich 10 Y. Cat. 1048	52.42	42.3	Paris Cat, 7352, 52 <sup>s</sup> .35, 44"'.6; 7 <sup>m</sup> . A. N. corr. siehe Noten.
1706	108 389	Strassburg, Schur	Arg.-Weiss 3946	52.50	42.4	
1707	77 264	Leiden, Valentiner	Leiden, mikrom. Anschluss	26.0	50'.8	Siehe Noten.
1708	104 307	Strassburg, Schur	Christiania A. G. C. 1005	35.69	16"2	
1709	105 197	Bonn, Scheiner	Albany A. G. C. 2063	57.62	2.2	
1710	108 389	Strassburg, Schur	Arg.-Weiss 3972	27.84	51.6	
1711	111 52 u. 223, 101 281	Hamburg, Schrader	Leiden A. G. Z. 156 u. 399	42.08	17.2	Küstner 206, 42 <sup>s</sup> .00, 17"'.5; 8 <sup>m</sup> .6.
1712	104 307	Strassburg, Schur	Christiania A. G. C. 1018	43.48	19.9	
1713	111 171 u. 222	Berlin, Knorre	Bonn A. G. C. 5112	49.16	38.8	
1714	101 281	Kremsmünster	B. D. 1328	18.0	48'.0	
1715	102 297, 108 29	Berlin, Leman	Leiden Mer. Beob.	25.28	15"6	Siehe Noten.
1716	111 52 u. 223	Hamburg, Schrader	Leiden A. G. Z. 156 u. 399	36.39	19.0	
1717	81 70	Berlin, Tietjen	Rümker N. F. 2901	56.06	52.6	Bonn A. G. C. 5127, 56 <sup>s</sup> .33, 49"'.7; 9 <sup>m</sup> .1.
1718	108 183	Pulkowa, Romberg	B. D. 1504	58.1	3'.0	Siehe Noten.
1719	74 75	Washington	Lalande 11886	7.96	57"8	A. N. 3 + 1" corr. cf. A. N. 78, 167. Nicht bei Yarnall u.
1720	[108 183]	Pulkowa, Romberg	B. D. 1506	22.8	3'.4	[Par. Ca t.

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
1721	+ 45° 1283	9.1	....	9.1	69.0	68.0	6h 8m 22s 34	2	+ 4s.4217	-0s.0012	-0s.037	+45° 17' 10" 6	2	0" 732	-0" 644	+ 0" 000
1722	+ 6 1169	8.8	....	8.8	72.83	70.0	8 29.36	1	3.2346	+0.0012	0.006	+ 6 55 44.6	1	0.743	0.471	0.000
1723	+ 12 1078	8.7	8.9	8-9	66.05	65.0	8 31.11	2	3.3593	+0.0010	0.008	+12 7 38.3	2	0.745	0.489	0.001
1724	+ 78 224	7.8	7	7-8	77.42	75.0	9 6.52	1	9.3662	-0.0298	0.822	+78 1 0.8	1	0.797	1.364	0.000
1725	+ 69 378	9.4	9.4	9.2	74.46	70.0	9 7.31	4	6.5609	-0.0102	0.212	+69 2 49.8	4	0.798	0.956	0.007
1726	+ 20 1348	8.7	....	8.8	81.13	80.0	10 1.38	3	3.5809	+0.0005	0.012	+20 50 59.0	3	0.877	0.521	0.001
1727	+ 60 948	9.4	....	9.3	73.53	73.0	10 6.83	3	5.4416	-0.0056	0.097	+60 35 21.5	3	0.886	0.792	0.005
1728	" "	"	9.4	...	74.16	70.0	7.40	2	"	"	"	19.2	3	"	"	"
1729	+ 59 961	9.5	9.5	9.5	79.95	75.0	10 21.42	2	5.3081	-0.0052	0.087	+59 8 55.4	2	0.906	0.773	0.005
1730	+ 68 440	9.2	....	9.2	80.4	80.0	11 3.06	2	6.4159	-0.0116	0.193	+68 13 46.0	2	0.967	0.934	0.007
1731	" "	"	9.2	...	81.57	81.0	3.20	2	"	"	"	44.8	2	"	"	"
1732	+ 74 286	9.0	....	9.0	80.4	80.0	11 47.39	2	7.7279	-0.0223	0.403	+73 59 51.7	2	1.032	1.125	0.012
1733	- 22 1365	8.0	....	8	83.1	83.0	11 52.36	4	2.5238	+0.0019	0.002	-22 19 48.6	4	1.039	0.367	0.001
1734	+ 69 379	9.5	....	9.2	80.4	80.0	12 31.67	2	6.6144	-0.0147	0.219	+69 20 57.9	2	1.096	0.963	0.006
1735	+ 44 1426	6.7	....	6	81.5	81.0	12 55.83	1	4.3663	-0.0024	0.035	+44 6 43.8	1	1.131	0.635	0.005
1736	+ 63 644	9.1	....	9.1	81.05	80.0	13 12.79	4	5.7356	-0.0095	0.121	+63 22 57.2	3	1.156	0.835	0.007
1737	+ 21 1203	7.5	7.5	7	83.96	80.0	13 45.89	1	3.5895	0.0000	0.012	+21 11 7.0	1	1.204	0.522	0.002
1738	+ 43 1521	8.0	8.0	8.2	82.68	81.0	14 9.06	2	4.3499	-0.0027	0.035	+43 45 18.5	2	1.237	0.633	0.005
1739	+ 43 1522	7.4	7.4	8	83.17	81.0	14 10.34	2	4.3294	-0.0026	0.034	+43 17 35.3	2	1.239	0.630	0.005
1740	+ 27 1089	8.4	....	8-9	81.02	80.0	15 9.61	3	3.7668	-0.0007	0.016	+27 30 9.9	3	1.326	0.547	0.002
1741	" "	"	....	...	81.0	80.0	9.83	..	"	"	"	10.5	..	"	"	"
1742	+ 66 444	9.3	....	9.3	80.4	80.0	15 11.73	2	6.1140	-0.0137	0.157	+66 19 8.9	2	1.329	0.889	0.006
1743	+ 44 1437	9.4	9.4	9.4	83.18	81.0	15 34.08	3	4.3768	-0.0032	0.035	+44 21 26.1	3	1.361	0.636	0.004
1744	+ 60 963	7.9	....	7.7	73.52	73.0	15 35.23	2	5.4491	-0.0092	0.097	+60 41 55.9	2	1.363	0.792	0.006
1745	+ 12 1123	6.8	6.7	7	67.13	65.0	15 35.59	2	3.3711	+0.0003	0.008	+12 37 46.3	2	1.363	0.490	0.002
1746	+ 45 1298	9.5	9.5	9.5	68.9	68.0	15 56.27	3	4.4225	-0.0035	0.036	+45 21 12.6	3	1.393	0.643	0.004
1747	+ 70 402	8.7	8.7	8.3	80.6	80.0	15 58.20	3	6.7364	-0.0199	0.234	+69 59 56.0	2	1.396	0.979	0.012
1748	" "	"	8.7	8.7	81.66	81.0	58.22	2	"	"	"	55.0	2	"	"	"
1749	" "	"	....	8.7	82.52	81.0	58.68	2	"	"	"	57.7	2	"	"	"
1750	+ 17 1227	8.9	8.9	8.9	84.00	80.0	16 17.96	1	3.4830	0.0000	0.010	+17 7 11.8	1	1.425	0.506	0.002
1751	+ 63 646	9.0	....	8.9	81.04	80.0	16 23.24	2	5.7855	-0.0123	0.127	+63 49 35.5	2	1.433	0.841	0.006
1752	- 2 1581	Var.	....	...	83.98	80.0	16 25.71	2	3.0225	+0.0011	0.005	- 2 8 6.7	2	1.436	0.439	0.002
1753	" "	...	....	Var.	83.12	83.0	25.76	1	"	"	"	6.3	1	"	"	"
1754	.....	...	....	8.9	81.07	80.0	16 34.44	2	5.7834	-0.0123	0.127	+63 48 36.6	2	1.449	0.841	0.006
1755	+ 44 1442	7.7	7.7	...	83.17	81.0	17 1.08	3	4.3961	-0.0037	0.036	+44 47 53.7	3	1.488	0.639	0.004
1756	+ 32 1287	7.5	....	7.5	65.9	65.0	17 3.62	2	3.9163	-0.0016	0.020	+32 20 12.4	2	1.491	0.569	0.005
1757	+ 44 1443	8.6	8.6	9.3	83.19	81.0	17 4.68	2	4.3806	-0.0036	0.036	+44 27 37.9	2	1.493	0.636	0.004
1758	+ 77 247	7.5	8	7.5	77.40	75.0	17 12.91	2	9.3483	-0.0554	0.810	+78 0 26.4	1	1.505	1.359	0.027
1759	+ 18 1209	9.4	....	9.4	74.0	74.0	17 32.66	3	3.5230	-0.0003	0.011	+18 41 2.3	3	1.534	0.512	0.005
1760	+ 36 1428	9.1	....	9.1	68.1	68.0	17 38.96	..	4.0683	-0.0024	0.024	+36 46 4.7	..	1.543	0.591	0.004

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
1721	74 248	Königsberg, Lorek	B. D. 1283	21 <sup>s</sup> 9	17' 1	A. N. 67 Declin. 0'.2 südlicher.
1722	81 70	Berlin, Tietjen	B. D. 1169	28.6	55.6	
1723	69 70, 67 122	Berlin, Romberg	Weisse, 189 B.Z. 56	30.86	38" 5	
1724	91 211	Pola, J. Palisa	Arg.-Oeltzen 6647	7.38	4.3	
1725	86 209	Berlin, Becker	Christiania A. G. C. 1026	7.99	50.7	
1726	111 52, 101 281	Hamburg, Schrader	Berlin A. G. C. B. 2285	1.42	58.6	
1727	85 197	Leiden, E. Bakhuyzen [u. Valentiner]	Helsingfors A. G. C. 4440	7.23	20.9	
1728	84 229	Berlin, Knorre	A. N. 79, 87, mikr. Anschluss	7.23	20.1	
1729	97 329	Pola, J. Palisa	B. D. 961	21.8	9' 9	
1730	105 183	Königsberg	B. D. 440	3.3	13.8	
1731	102 297, 108 29	Berlin, Leman	.....	.....	.....	Bonn A. G. C. 5184, 55 <sup>s</sup> .84, 44".2; 6 <sup>m</sup> .8. A. N. — 1 <sup>m</sup> corrigirt. Siehe Noten. Berlin A. G. C. B. 2324, 45 <sup>s</sup> .95, 7".8; 7 <sup>m</sup> .7.
1732	105 183	Königsberg	B. D. 286	48.6	0.1	
1733	108 389	Strassburg, Schur	Cordoba G. C. 7578	52.32	47" 4	
1734	105 183	Königsberg	Christiania A. G. C. 1031	32.49	57.7	
1735	105 183, 108 183	Königsberg	Rümker 1814	55.71	44.1	
1736	111 52	Hamburg, Schrader	Helsingfors A. G. C. 4467	12.32	54.5	
1737	111 171 u. 223	Berlin, Knorre	Yarnall 2668	45.90	6.0	
1738	108 183	Pulkowa, Romberg	Bonn A. G. C. 5196	8.94	16.7	
1739	108 183	Pulkowa, Romberg	Weisse, 330 B.Z. 511	10.51	35.6	
1740	111 52, 100 361	Hamburg, Schrader	Lalande 12119	9.98	8.9	
1741	100 361	Kremsm., Strasser	.....	.....	.....	A. N. Declin. + 10" corrigirt. Siehe Noten.  A. N. Declin. + 1" corrigirt cf. A. N. 78, 167.  A. N. 102 Declin. + 3" corrigirt nach A. N. 103, 29.
1742	105 183	Königsberg	B. D. 444	9.2	18' 9	
1743	108 183	Pulkowa, Romberg	B. D. 1437	33.2	21.5	
1744	85 197	Leiden, E. Bakhuyzen [u. Valentiner]	Helsingfors A. G. C. 4492	35.67	57" 5	
1745	69 70	Berlin, Romberg	Glasgow Cat. I 1554	35.39	45.0	
1746	74 75	Washington	B. D. 1298	58.4	22' 2	
1747	100 251	Königsberg, Rahts	Christiania A. G. C. 1038	58.59	58" 6	
1748	102 297, 108 29	Berlin, Leman	B. B. VI 402	58.83	57.0	
1749	104 307	Strassburg	Dorpat A. G. Z. Vol. XVIII p. (7)	58.78	58.4	
1750	111 171	Berlin, Knorre	B. D. 1227	17.3	6' 9	
1751	111 52	Hamburg, Schrader	Helsingfors A. G. C. 4499	23.33	31" 1	Nach Scheiner röthlich, V Monocerotis.  { A. N. getrennt von Bonn A. G. Z. Vergleich Note zu Nr. 1718. Bonn A. G. C. 5236, 1 <sup>s</sup> .08, 52".3; 8 <sup>m</sup> .0.  { A. N. getrennt von Bonn A. G. Z. u. Yarnall. Vergl. Note zu Bonn A. G. C. 5238, 4 <sup>s</sup> .75, 38" 3; 8 <sup>m</sup> .8. [Nr. 1718.
1752	111 171	Berlin, Knorre	B. D. 1581	26.1	8' 2	
1753	107 272	Bonn, Scheiner	Radcliffe Cat. 1890.0 Nr. 1575	25.68	5" 8	
1754	111 52	Hamburg, Schrader	Helsingfors A. G. C. 4501	34.11	37.0	
1755	108 183	Pulkowa, Romberg	Kam 1109	1.29	53.8	
1756	69 364	Königsberg, Lorek	Leiden A. G. Z. 167 u. 282	3.59	9.4	
1757	108 183	Pulkowa, Romberg	Yarnall 2681	4.76	37.2	
1758	91 211	Pola, J. Palisa	Radcliffe Cat. I 1715	13.13	29.1	
1759	84 66	Washington	B. D. 1209	32.6	40' 9	
1760	74 191	Berlin	B. D. 1428	35.9	47.1	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
1761	+ 18° 1212	9.2	....	9.2	74.0	74.0	8h 18m 13s 67	3	+ 3s 5235	—0s 0004	—0s 011	+18° 42' 22" 6	3	1" 593	—0' 512	+ 0" 03
1762	+ 10 1129	9.2	....	9	73.17	70.0	18 16.71	1	3.3254	+0.0002	0.007	+10 45 13.7	1	1.598	0.483	0.02
1763	+ 59 982	9.1	....	9.1	80.5	80.0	19 10.63	2	5.3028	—0.0104	0.086	+59 9 2.3	2	1.676	0.770	0.08
1764	+ 2 1227	6.9	....	7.1	67.07	67.0	19 15.70	2	3.1267	+0.0006	0.006	+ 2 20 25.6	2	1.684	0.454	0.02
1765	+ 69 384	9.4	9.4	9.0	74.45	70.0	19 29.52	2	6.6168	—0.0230	0.217	+69 24 10.6	2	1.704	0.961	0.13
1766	» »	»	....	9	74.48	74.0	29.91	2	»	»	»	10.4	2	»	»	»
1767	+ 16 1148	9.0	....	9	77.16	77.0	19 33.64	1	3.4676	—0.0003	0.009	+16 31 44.3	1	1.709	0.503	0.03
1768	+ 13 1250	7.0	6.7	7.5	66.05	65.0	19 36.24	2	3.3841	—0.0001	0.008	+13 10 31.7	2	1.713	0.491	0.03
1769	+ 45 1304	9.5	....	9.5	70.16	70.0	19 54.84	2	4.4500	—0.0049	0.038	+45 58 9.1	2	1.740	0.646	0.03
1770	+ 16 1151	9.0	...	9	77.16	77.0	20 1.06	1	3.4676	—0.0004	0.009	+16 31 56.3	1	1.749	0.503	0.03
1771	+ 44 1456	8.3	8.3	9	82.84	83.0	20 1.49	3	4.4027	—0.0047	0.036	+44 58 7.9	3	1.750	0.639	0.03
1772	+ 46 1150	9.4	....	9.0	69.0	68.0	21 24.12	2	4.4522	—0.0054	0.038	+46 1 52.1	2	1.870	0.646	0.03
1773	» »	»	....	9.2	70.16	70.0	24.15	2	»	»	»	52.7	2	»	»	»
1774	+ 42 1560	9.4	....	9	78.1	78.0	21 25.56	..	4.2853	—0.0044	0.030	+42 20 37.8	..	1.872	0.621	0.03
1775	+ 20 1440	8.5	9.0	8.3	83.99	80.0	21 28.36	4	3.5650	—0.0009	0.012	+20 18 57.6	4	1.876	0.517	0.03
1776	+ 18 1232	8.8	9	9	67.10	65.0	21 39.94	2	3.5145	—0.0007	0.011	+18 22 40.6	2	1.893	0.509	0.03
1777	+ 45 1312	9.1	....	9	69.0	68.0	22 17.61	2	4.4420	—0.0056	0.038	+45 49 52.2	2	1.948	0.644	0.06
1778	+ 58 937	9.5	9.5	9.5	80.5	80.0	22 31.13	3	5.2147	—0.0116	0.081	+58 9 30.9	2	1.967	0.756	0.09
1779	+ 17 1267	8.0	8	8	66.12	65.0	22 32.94	2	3.4970	—0.0007	0.011	+17 42 13.8	2	1.970	0.507	0.03
1780	+ 68 442	8.7	....	8.3	74.7	74.0	22 38.82	4	6.4860	—0.0252	0.200	+68 42 28.3	4	1.978	0.940	0.14
1781	» »	»	....	8	74.47	75.0	39.02	2	»	»	»	26.9	2	»	»	»
1782	+ 42 1565	9.0	....	9	78.1	78.0	22 39.05	..	4.2996	—0.0048	0.031	+42 41 35.8	..	1.979	0.623	0.03
1783	+ 2 1253	6.8	....	6.7	67.10	67.0	22 43.13	2	3.1356	+0.0004	0.005	+ 2 43 35.5	2	1.985	0.454	0.02
1784	+ 32 1316	8.1	....	8.1	66.0	65.0	22 48.82	3	3.9325	—0.0028	0.020	+32 53 18.7	3	1.993	0.570	0.04
1785	+ 59 992	9.5	9	9.5	79.95	75.0	22 55.58	2	5.3051	—0.0126	0.086	+59 12 55.0	2	2.003	0.769	0.09
1786	.....	...	10	...	74.53	70.0	23 9.52	2	6.6583	—0.0281	0.222	+69 38 57.9	2	2.023	0.965	0.13
1787	+ 69 385	8.0	8	8.0	74.48	70.0	23 12.55	2	6.6203	—0.0276	0.217	+69 26 57.0	2	2.028	0.960	0.13
1788	» »	»	....	8	74.42	75.0	12.88	1	»	»	»	55.8	1	»	»	»
1789	+ 46 1157	7.0	....	7.2	70.15	70.0	23 50.66	3	4.4766	—0.0063	0.039	+46 33 47.6	3	2.083	0.648	0.06
1790	+ 12 1178	9.3	....	9.3	81.0	81.0	23 56.77	..	3.3574	—0.0004	0.007	+12 6 13.7	..	2.092	0.486	0.02
1791	+ 16 1174	8.2	....	8	77.16	77.0	24 5.84	2	3.4629	—0.0008	0.010	+16 22 32.3	2	2.105	0.501	0.03
1792	+ 32 1324	5.8	....	5.8	66.0	65.0	24 17.70	1	3.9206	—0.0030	0.020	+32 32 33.6	1	2.122	0.568	0.04
1793	+ 17 1280	9.0	9	9	66.16	65.0	24 22.85	2	3.4844	—0.0009	0.010	+17 13 25.0	2	2.129	0.504	0.03
1794	+ 45 1317	9.2	9.2	9	82.84	81.0	24 32.33	3	4.4454	—0.0063	0.038	+45 55 45.9	3	2.143	0.644	0.06
1795	+ 22 1367	9.3	....	...	71.1	71.0	24 51.96	..	3.6122	—0.0015	0.013	+22 6 38.7	..	2.172	0.523	0.04
1796	+ 17 1286	6.5	9	7.2	66.17	65.0	25 0.84	2	3.5007	—0.0010	0.010	+17 52 12.9	2	2.184	0.506	0.03
1797	+ 68 446	9.0	9	9	74.52	70.0	25 5.63	2	6.5037	—0.0282	0.202	+68 49 47.9	2	2.192	0.942	0.16
1798	» »	»	....	8.9	74.7	74.0	5.85	4	»	»	»	45.0	4	»	»	»
1799	» »	»	....	...	75.12	75.0	6.09	3	»	»	»	45.9	3	»	»	»
1800	+ 60 980	9.0	....	9.1	73.52	73.0	25 21.26	2	5.4441	—0.0155	0.096	+60 44 27.0	2	2.215	0.788	0.11

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1761	84 66	Washington	B. D. 1212	13 <sup>s</sup> 9	42' 1	
1762	84 242	Berlin, Tietjen	Weisse, 493 B.Z. 56	16.24	14" 2	
1763	100 251	Königsberg, Rahts	Helsingfors A. G. C. 4524	10.94	0.8	
1764	69 382	Leiden, Kam	Albany, A. G. C. 2175	15.75	25.6	
1765	86 209	Berlin, Becker	Christiania A. G. C. 1048	30.38	10.8	
1766	86 315	Leiden, Valentiner	Arg.-Oeltzen 6856	30.03	11.7	A. N. + 1 <sup>m</sup> corrigirt. Siehe Noten.
1767	94 285	Berlin, Tietjen	Weisse, 515 B. Z. 276	33.52	44.9	
1768	69 70, 67 122	Berlin, Romberg	Schjellerup 2198	36.11	30.1	
1769	81 70	Berlin, Tietjen	B. D. 1304	55.4	58' 9	Siehe Noten.
1770	94 307	Berlin, Tietjen	Weisse, 532 B.Z. 276	1.00	54" 7	
1771	108 183	Pulkowa, Romberg	Kam 1119	1.51	8.3	Bonn A. G. C. 5269, 1 <sup>s</sup> .56, 7" 2; 8 <sup>m</sup> .6.
1772	78 291	Leiden, Kam	Arg.-Oeltzen 6921	23.92	50.1	
1773	81 70	Berlin, Tietjen	Bonn A. G. C. 5279	24.03	51.0	
1774	98 175	Cambr. (M.) Rogers	Weisse, 551 B. Z. 522	25.44	37.9	{ Cambridge verbunden mit Weisse. Bonn A. G. C. 5281, 25 <sup>s</sup> .39, 41" 2; 9 <sup>m</sup> .0. Berlin A. G. C. B. 2412, 28 <sup>s</sup> .38, 57" 7; 8 <sup>m</sup> .3.
1775	111 171	Berlin, Knorre	Yarnall 2699	28.37	58.3	
1776	69 70	Berlin, Romberg	Weisse, 584 B. Z. 336	39.87	38.9	
1777	74 248	Königsberg, Lorek	Arg.-Oeltzen 6944	17.94	48.6	Bonn A. G. C. 5297, 17 <sup>s</sup> .69, 51" 4; 9 <sup>m</sup> .0.
1778	100 251	Königsberg, Rahts	B. D. 937	30.3	10' 4	
1779	69 70, 67 122	Berlin, Romberg	Lalande 12396	32.93	13" 1	A. N. 67 Declin. 0" 4 südlicher.
1780	85 11 u. 305	Moskau, Gromadzki	Christiania A. G. C. 1054	38.94	27.8	
1781	86 109	Hamburg, Pechüle	Arg.-Oeltzen 6928	39.44	31.3	{ Cambridge verbunden mit Weisse. Bonn A. G. C. 5300, 39 <sup>s</sup> .02, 35" 3; 9 <sup>m</sup> .0.
1782	98 173	Cambr. (M.) Rogers	Weisse, 589-91 B.Z. 516 u. 522	38.79	36.2	
1783	69 382	Leiden, Kam u. van [Hennekeler]	Albany A. G. C. 2206	42.95	33.5	
1784	69 364	Königsberg, Lorek	Leiden A. G. Z. 167 u. 400	48.68	14.9	
1785	97 329	Pola, J. Palisa	B. D. 992	57.6	12' 4	
1786	86 209	Berlin, Becker	A. N. 85, 299 mikr. Anschluss	10.63	51" 6	
1787	86 209	Berlin, Becker	Christiania A. G. C. 1055	12.82	58.7	
1788	86 109	Hamburg, Pechüle	Arg.-Oeltzen 6937	12.76	55.8	
1789	81 70	Berlin, Tietjen	Radcliffe Cat. I, 1752	50.84	45.9	Bonn A. G. C. 5318, 50 <sup>s</sup> .74, 43" 7; 7 <sup>m</sup> .6.
1790	101 281	Kremsmünster	B. D. 1178	56.0	5' 9	
1791	94 285	Berlin, Tietjen	Weisse, 661 B. Z. 276	6.01	36" 4	
1792	69 364	Königsberg, Lorek	Leiden A. G. Z. 161	17.72	28.2	Siehe Noten.
1793	69 70, 67 122	Berlin, Romberg	Weisse, 675 B. Z. 336	22.61	21.1	Dupl. bor. A. N. 67, Declin. 0" 3 südlicher.
1794	108 183	Pulkowa, Romberg	Arg.-Oeltzen 6983	32.63	44.4	Bonn A. G. C. 5332 32 <sup>s</sup> .49, 45" 5; 8 <sup>m</sup> .8.
1795	78 215	Bonn	A. N. 77, 309 mikr. Anschluss	52.11	36.4	Siehe Noten.
1796	69 70, 67 122	Berlin, Romberg	Pulk. Cat. 1875.0, 1487	0.73	12.8	Dupl. bor. seq. E. B. + 0 <sup>s</sup> .0013 + 0" 041 nach Pulk. A. N. 67, [Declin. 0" 4 südlicher.
1797	86 209	Berlin, Becker	Arg.-Oeltzen 6972	5.80	46.1	
1798	85 11 u. 300	Moskau, Gromadzki	Christiania A. G. C. 1060	6.10	45.8	
1799	89 21, 107 57	Leiden, Haga	.....	.....	.....	
1800	85 197	Leiden, E. Bakh. u. [Valentiner]	Helsingfors A. G. C. 4587	21.66	27.1	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
1801	+ 6° 1278	8.0	7.8	8	66.12	65.0	6h 25m 25s 43	2	+ 3.2148	0.0000	0.006	+ 6° 7' 22" 7	2	2" 220	— 0' 465	+ 0" 02
1802	+ 71 359	6.0	6.0	6.1	81.58	81.0	25 45.47	3	7.1248	— 0.0384	0.289	+ 71 50 58.2	3	2.249	1.031	0.20
1803	+ 17 1291	8.2	8	8	66.64	65.0	25 50.94	2	3.4794	— 0.0010	0.010	+ 17 2 18.9	2	2.257	0.503	0.04
1804	+ 10 1171	8.2	7.9	8.2	74.10	70.0	25 54.67	3	3.3126	— 0.0003	0.007	+ 10 15 20.2	3	2.262	0.479	0.05
1805	+ 42 1575	9.5	....	9.5	78.1	78.0	26 8.55	..	4.2999	— 0.0057	0.032	+ 42 44 44.2	..	2.283	0.622	0.06
1806	+ 27 1148	8.0	....	7-8	68.1	68.0	26 9.15	..	3.7530	— 0.0024	0.015	+ 27 8 9.4	..	2.283	0.543	0.04
1807	+ 14 1338	8.2	8.9	8-9	66.09	65.0	26 24.73	2	3.4202	— 0.0008	0.009	+ 14 40 53.3	2	2.306	0.494	0.04
1808	+ 14 1339	6.0	....	6	65.9	65.0	26 29.69	2	3.4095	— 0.0008	0.009	+ 14 14 57.7	2	2.313	0.493	0.04
1809	+ 37 1539	7.2	8	7.9	74.03	70.0	26 36.70	2	4.0787	— 0.0044	0.024	+ 37 9 30.1	2	2.323	0.590	0.05
1810	.....	...	....	6.6	77.18	75.0	26 37.71	1	1.9436	+ 0.0016	0.001	— 40 21 41.1	1	2.325	0.281	0.01
1811	+ 14 1343	8.4	8.9	8-9	66.13	65.0	26 46.35	2	3.4129	— 0.0008	0.009	+ 14 23 12.8	2	2.337	0.493	0.04
1812	.....	...	....	6.5	77.17	75.0	26 59.32	2	1.9250	+ 0.0016	0.001	— 40 49 50.0	2	2.356	0.278	0.01
1813	+ 42 1577	8.0	....	8-9	78.1	78.0	27 3.41	..	4.2978	— 0.0060	0.032	+ 42 42 35.3	..	2.362	0.621	0.06
1814	.....	...	10.5	...	77.09	75.0	27 9.57	1	6.6866	— 0.0334	0.223	+ 69 49 53.5	1	2.371	0.967	0.19
1815	+ 14 1344	7.4	8.9	8	66.18	65.0	27 13.68	2	3.4241	— 0.0009	0.009	+ 14 50 43.4	2	2.377	0.495	0.04
1816	+ 23 1308	9.2	....	9	73.17	70.0	27 14.45	1	3.6488	— 0.0020	0.013	+ 23 28 35.0	1	2.378	0.527	0.04
1817	+ 16 1201	7.3	8	7	66.10	65.0	27 41.36	3	3.4604	— 0.0011	0.009	+ 16 18 3.3	3	2.417	0.500	0.04
1818	+ 68 447	8.0	8	8.5	74.45	70.0	28 1.35	2	6.4850	— 0.0313	0.198	+ 68 45 10.7	2	2.446	0.938	0.15
1819	» »	»	....	8.1	74.47	75.0	1.40	3	»	»	»	10.2	3	»	»	»
1820	» »	»	....	...	74.7	74.0	1.52	5	»	»	»	9.9	5	»	»	»
1821	» »	»	....	...	75.03	74.0	1.56	5	»	»	»	10.3	5	»	»	»
1822	» »	»	....	...	74.48	74.0	1.72	2	»	»	»	9.7	2	»	»	»
1823	.....	...	....	...	77.5	77.0	28 10.05	..	4.9213	— 0.0117	0.061	+ 54 20 15.9	..	2.458	0.711	0.10
1824	+ 17 1307	8.0	8	7	66.13	65.0	28 36.17	2	3.4854	— 0.0013	0.010	+ 17 17 54.9	2	2.496	0.503	0.04
1825	+ 27 1164	6.8	....	6.8	80.9	80.0	28 36.50	..	3.7593	— 0.0028	0.015	+ 27 22 47.9	..	2.497	0.543	0.04
1826	» »	»	....	6.8	80.99	80.0	36.63	3	»	»	»	48.9	3	»	»	»
1827	.....	...	10.8	...	74.03	74.0	29 0.31	1	4.0755	— 0.0049	0.025	+ 37 6 19.0	1	2.531	0.588	0.06
1828	.....	...	10	...	77.12	75.0	29 8.21	2	6.6929	— 0.0360	0.224	+ 69 53 0.7	2	2.543	0.967	0.30
1829	+ 27 1172	9.1	....	9	81.01	80.0	29 28.84	2	3.7588	— 0.0029	0.016	+ 27 22 32.3	2	2.572	0.542	0.04
1830	» »	»	....	9	80.9	80.0	29.10	..	»	»	»	30.1	..	»	»	»
1831	+ 16 1214	8.5	....	8	70.98	70.0	29 31.77	1	3.4630	— 0.0013	0.010	+ 16 25 21.3	1	2.577	0.500	0.04
1832	+ 19 1406	7.8	8	8	66.15	65.0	29 40.20	2	3.5356	— 0.0017	0.011	+ 19 15 46.1	2	2.589	0.510	0.04
1833	.....	...	....	...	72.83	70.0	30 0.58	2	5.4525	— 0.0186	0.095	+ 60 53 14.6	2	2.618	0.787	0.15
1834	+ 37 1553	8.0	8	7.6	74.03	70.0	30 3.54	2	4.0790	— 0.0051	0.025	+ 37 13 9.9	2	2.623	0.589	0.05
1835	+ 21 1308	8.7	....	9	79.05	77.0	30 7.42	2	3.6027	— 0.0021	0.012	+ 21 48 45.5	2	2.628	0.520	0.04
1836	+ 1 1420	8.3	....	8.2	67.08	67.0	30 8.95	2	3.0990	+ 0.0001	0.005	+ 1 9 20.3	2	2.630	0.447	0.05
1837	+ 24 1332	7.0	7.8	6-7	83.99	80.0	30 39.50	4	3.6776	— 0.0026	0.014	+ 24 33 21.4	4	2.675	0.530	0.04
1838	+ 15 1263	8.2	8	8.3	66.08	65.0	30 45.55	2	3.4491	— 0.0014	0.009	+ 15 52 33.9	2	2.683	0.497	0.04
1839	+ 46 1169	8.8	....	9	69.0	68.0	31 0.74	2	4.4788	— 0.0086	0.007	+ 46 42 55.5	2	2.705	0.646	0.05
1840	+ 27 1182	7.4	8.9	7-8	66.11	65.0	31 2.49	2	3.7740	— 0.0032	0.016	+ 27 54 43.6	2	2.708	0.544	0.05

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1801	69 70	Berlin, Romberg	Schjellerup 2244	25 <sup>s</sup> 31	22" 1	A. N. 67 A. R. 0 <sup>s</sup> .13 grösser, Declin. 0".4 südlicher.
1802	102 297, 108 29	Berlin, Leman	Greenwich 10 Y. Cat. 1119	45.20	54.9	
1803	69 70, 67 122	Berlin, Romberg	Brüssel Cat. 2700	50.94	17.2	
1804	104 195	Leipzig, Engelmann	Pulkowa Cat. 1875.0, 1492	54.57	18.6	
1805	98 173	Cambr. (M.) Rogers	B. D. 1575	8.8	45' 1	
1806	74 191	Berlin	Paris Cat, 7848	9.13	9" 6	
1807	69 70, 67 122	Berlin, Romberg	Paris Cat, 7854	24.44	52.8	
1808	69 364	Königsberg, Lorek	Paris Cat, 7858	30.09	56.8	
1809	84 229	Berlin, Knorre	Pulkowa Cat. 1875.0, 1497	36.80	30.3	
1810	91 211	Pola, J. Palisa	Cordoba G.C. 7987	37.80	41.1	
1811	69 70, 67 122	Berlin, Romberg	Lalande 12548	46.32	18.9	A. N. 67, Declin. 0".3 südlicher. Berlin A. G. C. B. 2461, 14 <sup>s</sup> .43, 35".6; 9 <sup>m</sup> .2. A. N. 67, Declin. 0".2 nördlicher.
1812	92 369	Pola, J. Palisa	Cordoba G. C. 7998	59.26	43.6	
1813	98 175	Cambr. (M.) Rogers	Paris Cat, 7871	3.25	36.1	
1814	91 211	Pola, J. Palisa	Leiden mikrom. Anschluss	13.8	50' 0	
1815	69 70, 67 122	Berlin, Romberg	Brüssel Cat. 2708	13.56	41" 9	
1816	84 242	Berlin, Tietjen	Weisse, 759 B.Z. 348	14.60	32.1	
1817	69 70, 67 122	Berlin, Romberg	Brüssel Cat. 2711	41.39	2" 7	
1818	86 209, 89 37	Berlin, Becker	Christiania A G. C. 1066	1.71	9.9	
1819	86 109, 89 37	Hamburg, Pechüle	B. B. VI 447	1.66	9.8	
1820	85 11 u. 300, 89 37	Moskau, Gromadzki	.....	.....	.....	
1821	89 37 u. 21 107 57	Leiden, Haga	.....	.....	.....	A. N. 89, 21 u. 107, A. R. 0 <sup>s</sup> .16 kleiner, Declin. 0".6 nördlicher [dasselbst 3 Mal. beob.]
1822	86 315	Leiden, Valentiner	.....	.....	.....	
1823	90 349	Kremsmünster	Leiden mikrom. Anschluss	9.0	20' 1	Siehe Noten.
1824	69 70	Berlin, Romberg	Paris Cat, 7913	35.99	18' 4	Paris scharfe Declin. fehlt.
1825	100 361	Kremsm., Strasser	Pulkowa Cat. 1875.0, 1502	36.63	48" 4	O. Σ. 149. Siehe Noten. Siehe Noten.
1826	111 52, 100 361, 101 201	Hamburg, Schrader	Pulk. Obs. Vol. VIII, p. 333 [Nr. 587]	36.64	49.6	
1827	84 177	Leipzig, Engelmann	Leiden mikrom. Anschluss	57.1	6' 4	
1828	91 211	Pola J. Palisa	Leiden mikrom. Anschluss	11.7	53.2	
1829	111 52, 100 361	Hamburg, Schrader	Brüssel Cat. 2726	28.81	35" 8	
1830	100 361	Kremsm., Strasser	Weisse, 825 B.Z. 507	29.22	33.8	
1831	77 264	Leiden, Valentiner	Paris Cat, 7933	31.92	21.4	
1832	69 70	Berlin, Romberg	Weisse, 839 B.Z. 346	40.15	43.5	
1833	81 70	Berlin, Tietjen	Leiden mikrom. Anschluss	1.2	52' 5	
1834	84 229	Berlin, Knorre	Lund A.G.Z. 399 u. 402	3.66	10" 8	
1835	94 283	Kremsmünster	Weisse, 853 B.Z. 334	7.34	44.6	Berlin A. G. C. B. 2485, 7 <sup>s</sup> .36, 47".3; 8 <sup>m</sup> .4.
1836	69 382	Leiden, Kam u. van [Hennekeler]	Albany A. G. C. 2287	8.93	18.2	Berlin A. G. C. B. 2494, 39 <sup>s</sup> .51, 21".9; 7 <sup>m</sup> .1. E. B. S. Noten. A. N. 67. Declin. 0".3 südlicher. Siehe Noten. Bonn A. G. C. 5402, 0 <sup>s</sup> .65 53".2; 9 <sup>m</sup> .2
1837	111 171	Berlin, Knorre	Paris Cat, 7951	39.55	23.0	
1838	69 70, 67 122	Berlin, Romberg	B. B. VI 1263	45.53	34.1	
1839	78 291	Leiden, Kam	Arg.-Oeltzen 7079-80	0.65	56.1	
1840	69 70	Berlin, Romberg	Paris Cat, 7958	2.39	40.1	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
1841	+ 23° 1446	7.8	....	8	65.1	65.0	6h 32m 28.67	3	+ 3.6556	-0.0027	-0.013	+23° 47' 4" 1	3	2" 832	-0" 527	+ 0" 05
1842	+ 31 1383	8.0	8.9	8.0	65.53	65.0	32 59.24	2	3.8819	-0.0042	0.019	+31 27 51.8	2	2.876	0.559	0.05
1843	+ 73 347	8.5	....	9-10	82.52	81.0	33 3.86	2	7.6051	-0.0604	0.364	+73 43 41.3	2	2.883	1.096	0.36
1844	+ 22 1428	9.0	....	9	77.95	75.0	33 21.01	1	3.6331	-0.0027	0.013	+22 58 31.4	1	2.908	0.523	0.05
1845	+ 56 1147	8.8	8.9	8.9	80.05	80.0	33 21.14	1	5.0538	-0.0157	0.068	+56 16 27.7	1	2.908	0.728	0.11
1846	+ 22 1432	9.3	8.9	9	78.15	75.0	33 30.98	2	3.6315	-0.0027	0.013	+22 55 16.1	2	2.922	0.523	0.04
1847	+ 0 1532	9.0	....	...	67.08	67.0	33 39.84	2	3.0895	0.0000	0.004	+ 0 44 53.5	2	2.935	0.444	0.05
1848	+ 69 389	7.7	8	7.8	74.47	70.0	33 40.37	3	6.6575	-0.0410	0.216	+69 45 7.4	3	2.936	0.960	0.22
1849	" "	"	....	8-9	74.47	75.0	33 40.46	1	"	"	"	7.3	2	"	"	"
1850	.....	...	9	...	80.15	80.0	34 0.30	1	5.7383	-0.0255	0.117	+63 37 12.3	1	2.965	0.826	0.16
1851	+ 14 1394	7.5	....	8-9	72.83	70.0	34 40.85	1	3.4148	-0.0016	0.009	+14 31 46.4	1	3.023	0.491	0.05
1852	+ 42 1593	9.3	9.3	9	83.98	80.0	34 48.09	2	4.2935	-0.0081	0.032	+42 44 28.2	2	3.033	0.617	0.06
1853	+ 36 1490	8.5	....	8-9	68.1	68.0	34 53.18	..	4.0480	-0.0059	0.022	+36 26 29.3	..	3.041	0.582	0.06
1854	+ 60 993	9.5	....	9.5	73.53	73.0	34 54.16	2	5.4341	-0.0216	0.093	+60 46 22.4	3	3.043	0.782	0.14
1855	" "	"	9.5	..	74.16	70.0	54.56	2	"	"	"	21.4	2	"	"	"
1856	+ 1 1465	8.0	....	8.3	67.08	67.0	34 58.97	2	3.0970	-0.0002	0.004	+ 1 4 23.6	2	3.049	0.445	0.04
1857	+ 47 1335	8.5	....	9	81.5	81.0	35 57.36	5	4.4877	-0.0103	0.038	+46 59 13.7	5	3.134	0.645	0.05
1858	" "	"	8.5	8.8	81.99	81.0	57.48	3	"	"	"	14.6	3	"	"	"
1859	+ 47 1336	8.0	....	...	69.0	68.0	36 4.35	3	4.4977	-0.0105	0.038	+47 11 27.6	3	3.143	0.647	0.05
1860	.....	...	....	...	75.08	75.0	36 13.84	1	6.4712	-0.0404	0.192	+68 46 20.0	1	3.157	0.931	0.22
1861	+ 46 1181	9.4	9.4	9	83.14	81.0	36 16.39	3	4.4792	-0.0103	0.038	+46 49 14.8	3	3.161	0.644	0.05
1862	+ 27 1219	7.2	7.8	7-8	65.11	65.0	37 44.64	2	3.7676	-0.0042	0.016	+27 47 59.3	2	3.288	0.541	0.06
1863	+ 73 351	9.3	....	9.3	81.5	81.0	37 47.82	4	7.5766	-0.0680	0.355	+73 40 50.2	4	3.292	1.088	0.35
1864	+ 0 1574	8.0	....	8-9	67.08	67.0	38 10.59	2	3.0887	-0.0003	0.004	+ 0 42 52.5	2	3.325	0.443	0.04
1865	+ 55 1125	8.7	....	8.6	70.12	70.0	38 15.60	2	4.9821	-0.0172	0.062	+55 23 0.2	2	3.333	0.715	0.12
1866	+ 0 1576	9.2	....	9	67.09	67.0	38 27.79	1	3.0894	-0.0003	0.004	+ 0 44 46.6	1	3.350	0.443	0.04
1867	+ 73 353	8.4	....	8.4	81.5	81.0	39 26.74	4	7.5300	-0.0697	0.344	+73 32 17.5	4	3.435	1.080	0.35
1868	+ 69 394	5.2	....	5.1	74.48	74.0	40 12.92	2	6.5069	-0.0458	0.195	+69 1 46.4	2	3.501	0.933	0.25
1869	" "	"	....	...	74.5	74.0	12.95	4	"	"	"	43.3	4	"	"	"
1870	+ 36 1506	8.6	9.1	8.7	68.20	68.0	40 13.58	2	4.0392	-0.0070	0.022	+36 17 53.7	2	3.502	0.578	0.07
1871	.....	...	....	...	75.14	75.0	40 35.36	1	6.4843	-0.0457	0.192	+68 54 29.4	1	3.533	0.929	0.25
1872	+ 28 1247	8.2	8.7	8.3	85.0	85.0	41 25.51	5	3.7917	-0.0050	0.017	+28 40 46.3	5	3.605	0.542	0.06
1873	+ 0 1607	9.0	....	9.2	67.07	67.0	41 30.86	2	3.0932	-0.0005	0.004	+ 0 54 41.2	2	3.613	0.442	0.04
1874	+ 23 1504	7.6	....	7.5	65.1	65.0	41 33.95	3	3.6397	-0.0038	0.013	+23 20 23.0	3	3.617	0.521	0.06
1875	+ 68 455	9.5	9.5	9.5	74.46	70.0	41 44.69	2	6.4612	-0.0467	0.188	+68 47 42.0	2	3.632	0.925	0.25
1876	+ 28 1248	8.3	8.5	8-9	85.0	85.0	41 48.52	5	3.7848	-0.0050	0.016	+28 27 26.4	5	3.638	0.541	0.07
1877	+ 42 1609	9.3	9.3	9	83.96	80.0	42 14.11	2	4.2919	-0.0101	0.030	+42 51 41.5	2	3.675	0.614	0.09
1878	+ 36 1514	9.5	9.8	9.4	68.20	68.0	42 32.78	2	4.0385	-0.0075	0.022	+36 19 43.7	2	3.702	0.577	0.08
1879	+ 21 1396	9.0	9	9.2	67.13	65.0	43 2.47	2	3.5866	-0.0036	0.012	+21 23 3.2	2	3.744	0.513	0.06
1880	+ 30 1345	7.9	....	7.9	68.19	65.0	43 18.57	2	3.8303	-0.0057	0.017	+29 59 47.1	2	3.767	0.547	0.07



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1841	69 363	Königsberg, Lorek	Weisse, 935 B.Z. 348	28 <sup>s</sup> 70	3" 9	Bert. A. G. C. B. 2510, 28 <sup>s</sup> 65, 2" 8; 7 <sup>m</sup> . 6. B. Z. u. Weisse [— 30" corr.]
1842	69 70	Berlin, Romberg	Leiden A. G. Z. 151 u. 276	59.14	50.9	
1843	104 307	Strassburg	Fedorenko Suppl. Cat. 37	4.12	45.7	Arg.-Oeltzen 7090, 4 <sup>s</sup> 39, 41" 6; 8-9 <sup>m</sup> .
1844	92 369	Pola, J. Palisa	Weisse, 963 B. Z. 279	21.10	27.9	Berlin A. G. C. B. 2521, 21 <sup>s</sup> 43, 31" 3; 8 <sup>m</sup> . 9. Siehe Noten.
1845	98 133	Pola, J. Palisa	Helsingfors A. G. C. 4673	21.11	27.5	
1846	92 369	Pola, J. Palisa	Weisse, 971 B. Z. 279	30.50	13.7	Berlin A. G. C. B. 2523, 31 <sup>s</sup> 03, 17" 1; 9 <sup>m</sup> . 0.
1847	69 382	Leiden, Kam u. van [Hennekeler]	Kam 1152	39.70	53.0	
1848	86 209	Berlin, Becker	Christiania A. G. C. 1081	40.46	7.7	
1849	86 109	Hamburg, Pechüle	Paris Cat, 8012	40.40	6.3	Dorpat A. G. Z. Bd. XVIII, pag. (1) 40 <sup>s</sup> 37, 7" 7; 7 <sup>m</sup> . 7
1850	98 113	Pola, J. Palisa	Leiden mikrom. Anschluss	1.2	37' 2	Siehe Noten.
1851	81 70	Berlin, Tietjen	Paris Cat, 8039	40.86	45" 6	
1852	111 171 u. 221	Berlin, Knorre	Weisse, 996-7 B. Z. 516 u. 522	47.89	29.1	Bonn A. G. C. 5456, 48 <sup>s</sup> 20, 28" 2; 9 <sup>m</sup> . 2.
1853	74 191	Berlin	Weisse, 1016 B. Z. 449	53.48	35.0	Lund A. G. Z. 501 u. 506, 53 <sup>s</sup> 27, 31" 6; 8 <sup>m</sup> . 1.
1854	85 197	Leiden, E. Bakhuyzen [u. Valentiner]	B. D. 993	48.7	47' 0	A. N. + 1 <sup>s</sup> corrigirt. Siehe Noten.
1855	84 229	Berlin, Knorre	.....	.....	.....	B. D. hat 5 <sup>s</sup> kleiner A. R.
1856	69 382	Leiden, Kam u. van [Hennekeler]	Albany A. G. C. 2354	59.05	22" 0	
1857	105 183	Königsberg	Arg.-Oeltzen 7178	58.13	17.5	
1858	108 184	Pulkowa, Romberg	Bonn A. G. C. 5470	57.49	13.2	Getrennt von Kön. u. A. G. Z. Bonn. Siehe Note zu Nr. 1718.
1859	74 248	Königsberg, Lorek	Kam 1155	4.11	25.8	Bonn A. G. C. 5471, 3 <sup>s</sup> 87, 24" 9; 8 <sup>m</sup> . 1.
1860	89 21, 107 57	Leiden, Haga	A. N. 85, 11 mikr. Anschluss	13.91	17.8	
1861	108 184	Pulkowa, Romberg	Arg.-Oeltzen 7184	16.26	13.6	Bonn A. G. C. 5473, 16 <sup>s</sup> 39, 14" 3; 9 <sup>m</sup> . 0.
1862	69 70	Berlin, Romberg	Paris Cat, 8122	44.60	57.4	
1863	Public. XVIII der A. G.	Pulkowa, Romberg	B. D. 351	44.	40' 3	Controle Stern.
1864	69 382	Leiden, Kam	Weisse, 1126 B. Z. 150	10.66	54" 3	Schjellerup 2351, 10 <sup>s</sup> 58; 8 <sup>m</sup> . 5, scharfe. Declin. fehlt.
1865	81 70	Berlin, Tietjen	Helsingfors A. G. C. 4719	15.85	0.2	
1866	69 382	Leiden, v. Hennekeler	Weisse, 1138 B. Z. 150	27.65	45.0	
1867	Public. XVIII der A. G.	Pulkowa, Romberg	Dorpat A. G. Z. Bd. XVII p. (32)	26.86	18.6	Controle Stern.
1868	86 315, 89 37	Leiden, E. Bakhuyzen	Auwers Fund Cat. A. G. 391	12.93	47.4	43 Camelop. E. B. nach Fund. Cat. + 0 <sup>s</sup> . 0002 + 0' 038.
1869	100 264	Pulkowa, Romberg	.....	.....	.....	
1870	71 176	Leipzig, Engelmann	Lund A. G. Z. 139 u. 148	13.49	53.8	
1871	89 21, 107 57	Leiden, Haga	Leiden mikrom. Anschluss	35.3	54' 6	Siehe Noten.
1872	111 317	Madras, Pogson	B. B. VI 1247	25.72	37" 3	Siehe Noten.
1873	69 382	Leiden, Kam u. van [Hennekeler]	Albany A. G. C. 2417	30.94	39.6	
1874	69 363	Königsberg, Lorek	B. B. VI 1504	34.24	20.5	Berl. A. G. C. B. 2613, 34 <sup>s</sup> 10, 21" 3; 7 <sup>m</sup> . 0.
1875	86 209	Berlin, Becker	B. D. 455	41.2	48' 8	
1876	111 317	Madras, Pogson	Weisse, 1239 B. Z. 520	48.55	26" 3	
1877	111 171 u. 221	Berlin, Knorre	Weisse, 1241 B. Z. 511	14.43	40.6	
1878	71 176	Leipzig, Engelmann	Lund A. G. Z. 399 u. 402	32.74	44.8	
1879	69 70	Berlin, Romberg	Berlin A. G. C. B. 2620	2.38	2.2	
1880	72 113 u. 277	Berlin, Romberg	Leiden A. G. Z. 151 u. 368	18.54	49.1	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHÉ DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
1881	+ 30° 1345	7.9	8.3	8	68.19	68.0	6h 43m 18s 62	3	+ 388303	-0.0057	-0.017	+29° 59' 49" 1	3	3" 767	-0" 547	-0" 000
1882	+ 47 1358	8.0	8.0	8	81.5	81.0	43 27.34	3	4.4977	-0.0129	0.037	+47 21 3.5	3	3.780	0.643	0.10
1883	+ 75 276	8.2	....	8.2	82.21	81.0	44 18.27	4	8.0036	-0.0935	0.428	+75 6 4.4	4	3.853	1.144	0.43
1884	+ 47 1361	8.8	....	9	69.0	68.0	44 35.91	2	4.5075	-0.0134	0.038	+47 34 31.3	2	3.878	0.643	0.10
1885	.....	...	....	...	69.0	68.0	45 3.74	1	4.5144	-0.0136	0.038	+47 43 23.2	1	3.918	0.644	0.10
1886	.....	...	....	...	70.09	70.0	3.92	2	"	"	"	21.4	2	"	"	"
1887	.....	...	10	6.6	77.10	75.0	45 31.59	1	2.4434	+0.0013	0.001	-25 37 58.8	1	3.957	0.348	0.00
1888	+ 68 458	8.0	....	7.4	75.05	75.0	45 42.60	2	6.4701	-0.0514	0.187	+68 54 37.8	2	3.974	0.923	0.00
1889	" "	"	....	7-8	74.7	74.0	43.07	4	"	"	"	36.0	4	"	"	"
1890	" "	"	8.1	9	74.5	74.0	43.07	3	"	"	"	36.7	3	"	"	"
1891	" "	"	8	...	74.47	70.0	43.09	2	"	"	"	37.1	3	"	"	"
1892	" "	"	....	...	74.47	75.0	43.11	2	"	"	"	36.7	2	"	"	"
1893	+ 15 1357	8.9	....	8.9	80.9	80.0	45 53.59	2	3.4399	-0.0029	0.009	+15 40 20.2	2	3.989	0.489	0.00
1894	+ 33 1428	8.3	....	8.3	64.97	65.0	46 3.47	2	3.9280	-0.0070	0.019	+33 9 13.7	2	4.003	0.560	0.00
1895	.....	9	9	8½	77.18	75.0	46 17.28	3	2.4378	+0.0013	0.001	-25 50 41.9	3	4.023	0.347	0.00
1896	+ 58 982	5.0	....	4.7	74.5	74.0	46 26.69	1	5.2163	-0.0251	0.075	+58 35 0.5	1	4.036	0.743	0.10
1897	+ 14 1477	8.0	8.0	8-9	73.18	73.0	46 44.23	1	3.4207	-0.0028	0.009	+14 54 15.4	1	4.061	0.487	0.00
1898	+ 21 1426	7.3	....	7.5	67.13	65.0	46 53.64	2	3.5831	-0.0040	0.012	+21 18 57.9	2	4.075	0.510	0.00
1899	+ 31 1441	8.5	....	8.5	65.01	65.0	47 13.88	2	3.8612	-0.0066	0.017	+31 5 10.3	2	4.104	0.549	0.00
1900	+ 31 1451	9.2	....	9.2	69.1	68.0	49 3.20	2	3.8636	-0.0070	0.017	+31 12 17.0	2	4.260	0.549	0.00
1901	+ 54 1093	8.9	....	8.7	80.10	80.0	49 7.43	2	4.8882	-0.0208	0.056	+54 16 7.4	2	4.266	0.695	0.10
1902	+ 27 1276	8.8	9.0	9	85.0	85.0	49 15.71	5	3.7653	-0.0060	0.015	+27 56 55.3	5	4.278	0.535	0.00
1903	+ 26 1400	9.2	9	9.2	78.06	75.0	49 28.47	4	3.7330	-0.0057	0.015	+26 50 18.8	4	4.296	0.530	0.00
1904	+ 19 1552	7.7	7.7	8	83.96	80.0	50 10.52	2	3.5445	-0.0041	0.010	+19 53 40.4	2	4.355	0.503	0.00
1905	+ 22 1531	7.3	....	7.0	77.16	76.0	50 39.84	2	3.6162	-0.0048	0.012	+22 38 10.2	2	4.397	0.512	0.00
1906	+ 69 402	8.2	....	7.9	74.47	75.0	50 58.77	2	6.4816	-0.0580	0.183	+69 4 9.5	2	4.424	0.920	0.30
1907	" "	"	8.2	7-8	74.49	70.0	58.87	3	"	"	"	9.7	2	"	"	"
1908	" "	"	8.0	...	74.5	74.0	58.94	3	"	"	"	8.8	3	"	"	"
1909	" "	"	....	...	74.7	74.0	58.96	5	"	"	"	8.8	5	"	"	"
1910	" "	"	....	...	74.48	74.0	58.98	2	"	"	"	10.1	2	"	"	"
1911	+ 27 1294	9.0	....	9.0	79.12	77.0	52 56.87	2	3.7480	-0.0064	0.015	+27 26 23.4	2	4.592	0.530	0.00
1912	+ 26 1424	8.9	....	9	78.03	75.0	53 29.78	2	3.7167	-0.0062	0.015	+26 21 25.9	2	4.639	0.525	0.00
1913	+ 22 1550	9.1	....	9	77.17	76.0	53 41.70	2	3.6111	-0.0051	0.011	+22 30 28.4	2	4.656	0.510	0.00
1914	+ 63 684	8.4	....	8.3	79.5	79.0	54 3.12	5	5.6942	-0.0403	0.106	+63 37 40.8	5	4.686	0.805	0.00
1915	+ 52 1160	9.0	8.9	8.8	80.17	80.0	54 58.14	2	4.7913	-0.0217	0.046	+52 55 50.3	2	4.764	0.677	0.10
1916	+ 15 1431	6.0	....	5.9	85.5	85.0	55 8.97	2	3.4326	-0.0037	0.008	+15 30 47.8	2	4.779	0.484	0.00
1917	+ 61 932	9.4	....	...	73.52	73.0	55 40.83	2	5.4183	-0.0350	0.086	+61 3 4.8	2	4.824	0.765	0.00
1918	.....	....	....	7½	83.1	83.0	55 46.02	4	2.3732	+0.0013	0.000	-28 18 45.9	4	4.832	0.334	0.00
1919	+ 47 1391	6.8	6.8	6.8	81.5	81.0	55 46.55	4	4.5111	-0.0172	0.038	+47 57 23.5	4	4.832	0.636	0.14
1920	.....	....	....	7½	77.78	75.0	56 6.29	3	2.4459	+0.0012	0.001	-25 46 25.8	3	4.860	0.344	0.00

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1881	71 176	Leipzig, Engelmann	Paris Cat, 8222	18 <sup>s</sup> 61	48 <sup>"</sup> 4	Derselbe Stern wie Nr. 1880.
1882	105 183, 108 184	Königsberg	Arg.-Oeltzen 7295	27.49	4.9	Bonn A.G.C. 5565, 27 <sup>s</sup> .32, 3 <sup>"</sup> .4; 8 <sup>m</sup> .1.
1883	104 307	Strassburg	Dorpat A.G.Z. Bd.XVIII p.66	18.26	3.4	
1884	78 291	Leiden, Kam	Arg.-Oeltzen 7317	35.76	30.9	Bonn A.G.C. 5578, 35 <sup>s</sup> .74, 27 <sup>"</sup> .9; 8 <sup>m</sup> .8.
1885	74 248	Königsberg, Lorek	.....	....	....	} Siehe Noten.
1886	81 70	Berlin, Tietjen	.....	....	....	
1887	91 213	Pola, J. Palisa	Cordoba G. C. 8522	31.59	0.7	Siehe Noten.
1888	89 21 u. 37, 107 57	Leiden, Haga	Christiania A.G.C. 1114	43.11	35.5	
1889	85 11 u. 300, 89 37	Moskau, Gromadzki	Arg.-Oeltzen 7318-9	43.18	35.7	
1890	100 262	Pulkowa, Romberg	Fedorenko 979	43.02	37.2	
1891	86 209, 89 37	Berlin, Becker	.....	....	....	
1892	86 109, 89 37	Hamburg, Pechüle	.....	....	....	
1893	102 287	Wien	B. D. 1357	54.5	39 <sup>"</sup> .9	
1894	69 70	Berlin, Romberg	Leiden A.G.Z. 369 u. 393	3.35	13 <sup>"</sup> .8	
1895	91 213	Pola, J. Palisa	Cordoba G.C. 8549	17.27	40.7	
1896	100 264	Pulkowa, Romberg	Auwers Fund. Cat. A.G. 394	26.86	0.7	E B. nach Auwers F. Cat. + 0 <sup>s</sup> .0001, — 0 <sup>"</sup> .123. 15 Lyncis.
1897	88 135	Wien, Holetschek	Weisse, 1387, B.Z. 146	44.57	11.6	
1898	69 70	Berlin, Romberg	Pulkowa Cat. 1875.0, 1567	53.64	56.2	O. Σ. 160. Berl. A. G. C. B. 2659, 53 <sup>s</sup> .64, 56 <sup>"</sup> .1; 7 <sup>m</sup> .2.
1899	69 70	Berlin, Romberg	Leiden A. G. Z. 272 u. 350	13.73	8.9	A.N. Declin. + 2' corrigirt. Siehe Noten.
1900	78 291	Leiden, Kam	Pulkowa Cat. 1875.0, 1576	3.10	17.9	
1901	98 133	Pola, J. Palisa	Cambridge (M.) A.G.C. 2680	7.39	6.7	
1902	111 317	Madras, Pogson	Weisse, 1448, B.Z. 520	15.77	59.3	
1903	92 369	Pola, J. Palisa	B. D. 1400	27.7	50 <sup>"</sup> .7	
1904	111 171 u. 222	Berlin, Knorre	Paris Cat, 8409	10.67	40 <sup>"</sup> .2	
1905	94 307, 102 285	Berlin, Tietjen	B.B. VI 1531	39.86	9.4	Berlin A. G. C. B. 2700, 39 <sup>s</sup> .76, 10 <sup>"</sup> .9; 7 <sup>m</sup> .6.
1906	86 109, 89 37	Hamburg, Pechüle	Christiania A. G. C. 1129	59.06	9.8	
1907	86 209, 89 37	Berlin, Becker	Arg.-Oeltzen 7411	58.59	9.7	
1908	100 263	Pulkowa, Romberg	.....	....	....	
1909	85 11 u. 300, 89 37	Moskau, Gromadzki	.....	....	....	
1910	86 314, 89 37	Leiden, Valentiner	.....	....	....	
1911	94 283	Kremsmünster	Küstner 235	56.67	21.5	
1912	92 369	Pola, J. Palisa	Brüssel Cat. 2898	29.68	26.9	
1913	94 307	Berlin, Tietjen	Weisse, 1586, B. Z. 279	41.32	27.4	Berlin A. G. C. B. 2724, 41 <sup>s</sup> .50, 28 <sup>"</sup> .9; 9 <sup>m</sup> .0.
1914	100 249	Königsberg, Rahts	Helsingfors A. G. C. 4866	3.08	39.4	Pulk. Cat. 1875.0 1588, 2 <sup>s</sup> .96, 38 <sup>"</sup> .4; 8 <sup>m</sup> .4.
1915	98 133	Pola, J. Palisa	Cambridge (M.) A.G.C. 2718	58.26	48.2	
1916	112 393	Cap.	Greenw. 10 Y. Cat 1199	8.73	47.9	
1917	85 197	Leiden, E. Bakhuyzen [u. Valentiner]	A.N. 78, 358 mikr. Anschluss	41.50	5.0	
1918	108 389	Strassburg, Schur	Cordoba G. C. 8808	46.03	46.5	
1919	105 183, 108 184	Königsberg	Armagh Cat. II 845	46.47	24.2	Bonn A.G.C. 5721, 46 <sup>s</sup> .60, 24 <sup>"</sup> .3; 7 <sup>m</sup> .0.
1920	92 371	Pola, J. Palisa	Cordoba G. C. 8818	6.13	25.7	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHLE DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHLE DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
1921	+ 76° 263	9.1	....	9.0	82.22	81.0	6h 56m 54s 77	4	+ 8s 5052	-0s 1432	-0s 508	+76° 35' 1" 3	4	4" 929	-1" 200	+ 0" 68
1922	— 8 1706	8.4	8.5	8½	72.44	70.0	56 57.50	4	2.8863	-0.0002	0.002	— 8 10 2.7	4	4.933	0.406	0.04
1923	+ 45 1387	8.2	....	8-9	72.10	70.0	56 58.33	1	4.3704	-0.0153	0.032	+45 3 1.0	1	4.934	0.616	0.12
1924	+ 22 1564	9.4	....	9.4	77.16	76.0	57 2.78	2	3.6071	-0.0055	0.011	+22 25 51.9	2	4.940	0.508	0.07
1925	+ 69 405	8.3	8.3	8.3	74.48	70.0	57 15.93	3	6.4623	-0.0646	0.177	+69 5 13.7	3	4.959	0.911	0.35
1926	» » »	»	....	8.4	74.47	75.0	15.97	2	»	»	»	12.5	2	»	»	»
1927	+ 48 1476	9.4	....	9.4	70.09	70.0	57 35.12	2	4.5217	-0.0180	0.037	+48 13 15.4	2	4.986	0.636	0.15
1928	+ 56 1180	7.8	....	8.1	75.11	75.0	57 47.32	3	4.9948	-0.0270	0.060	+56 2 31.2	2	5.003	0.703	0.18
1929	+ 16 1381	8.0	8	7.9	67.13	65.0	58 9.96	2	3.4570	-0.0042	0.008	+16 33 26.1	2	5.035	0.486	0.07
1930	+ 48 1479	9.2	....	9.0	83.96	80.0	58 20.69	2	4.5557	-0.0188	0.038	+48 54 22.2	2	5.050	0.641	0.15
1931	+ 61 938	7.0	....	6.8	73.55	73.0	58 25.19	2	5.4049	-0.0365	0.084	+60 59 8.0	2	5.057	0.760	0.25
1932	.....	...	10	...	74.06	73.0	58 34.65	1	3.8716	-0.0087	0.016	+31 42 58.1	1	5.070	0.544	0.10
1933	+ 23 1554	9.3	....	...	77.18	76.0	59 3.29	1	3.6223	-0.0059	0.012	+23 2 59.8	1	5.110	0.509	0.06
1934	+ 23 1605	9.0	....	9	79.05	76.0	59 56.29	2	3.6247	-0.0061	0.012	+23 9 37.1	2	5.185	0.508	0.06
1935	+ 30 1425	9.3	9.3	9.3	69.0	68.0	7 0 30.19	3	3.8431	-0.0087	0.016	+30 50 53.0	3	5.233	0.539	0.10
1936	+ 61 942	9.5	....	...	73.52	73.0	0 31.90	2	5.4154	-0.0381	0.084	+61 9 14.5	2	5.235	0.760	0.25
1937	+ 45 1393	9.1	....	9.1	72.10	70.0	0 34.70	1	4.3696	-0.0164	0.031	+45 9 4.2	1	5.239	0.613	0.15
1938	+ 22 1586	9.2	9.2	9.2	83.99	80.0	0 40.00	1	3.6044	-0.0060	0.011	+22 24 41.5	1	5.247	0.505	0.06
1939	+ 31 1496	9.1	9	9.1	74.12	70.0	0 45.24	2	3.8734	-0.0091	0.016	+31 50 11.2	2	5.254	0.543	0.10
1940	+ 22 1588	9.0	....	9	79.17	76.0	0 49.85	2	3.6037	-0.0060	0.011	+22 23 12.5	2	5.261	0.505	0.06
1941	+ 21 1516	8.2	8	8-9	78.01	75.0	0 54.05	2	3.5690	-0.0056	0.010	+21 3 35.9	2	5.266	0.500	0.06
1942	+ 34 1539	9.0	....	9.0	70.09	70.0	1 18.45	2	3.9514	-0.0102	0.018	+34 17 10.7	2	5.301	0.554	0.11
1943	+ 69 413	7.6	7.6	7	74.48	70.0	1 33.56	2	6.4317	-0.0686	0.171	+69 0 29.6	2	5.322	0.902	0.37
1944	» » »	»	....	7.0	74.48	74.0	33.62	2	»	»	»	29.0	2	»	»	»
1945	» » »	»	7.8	7.8	74.5	74.0	33.66	2	»	»	»	27.2	2	»	»	»
1946	... ..	...	....	...	70.98	70.0	1 43.19	2	3.5170	-0.0052	0.010	+19 2 25.3	2	5.336	0.492	0.06
1947	+ 45 1394	7.5	(8)	8-9	73.23	73.0	1 45.82	2	4.3811	-0.0170	0.032	+45 26 46.5	2	5.339	0.614	0.15
1948	+ 15 1482	8.1	....	8.0	85.1	85.0	1 57.56	2	3.4326	-0.0044	0.008	+15 37 38.8	2	5.356	0.480	0.07
1949	+ 44 1596	9.5	....	9.5	?	77.0	2 12.97	1	4.3459	-0.0165	0.031	+44 40 42.5	1	5.377	0.608	0.15
1950	+ 45 1396	8.8	....	8.9	72.10	70.0	2 33.07	1	4.3706	-0.0170	0.031	+45 14 25.9	1	5.406	0.611	0.15
1951	+ 21 1528	7.0	....	7.0	84.17	84.0	2 41.40	2	3.5783	-0.0059	0.010	+21 27 38.8	2	5.417	0.500	0.06
1952	+ 49 1600	8.5	8.5	9	81.85	81.0	2 45.52	5	4.5753	-0.0208	0.040	+49 25 32.8	5	5.423	0.640	0.10
1953	+ 19 1632	9.0	9.0	8-9	83.96	80.0	3 1.51	2	3.5247	-0.0054	0.010	+19 22 31.3	2	5.446	0.492	0.06
1954	+ 16 1406	9.5	....	9.5	73.07	70.0	3 7.81	1	3.4553	-0.0047	0.008	+16 34 47.3	1	5.454	0.482	0.07
1955	+ 15 1487	9.2	8.4	9	74.12	74.0	3 11.28	2	3.4365	-0.0045	0.008	+15 48 33.0	2	5.459	0.480	0.07
1956	+ 61 948	8.7	....	8.7	73.55	73.0	3 21.66	2	5.4190	-0.0401	0.083	+61 16 27.6	2	5.474	0.758	0.24
1957	+ 76 270	9.0	....	8.7	81.6	81.0	3 27.36	2	8.4384	-0.1569	0.472	+76 31 22.4	2	5.482	1.181	0.72
1958	+ 24 1549	8.3	8	8	74.03	70.0	3 37.43	2	3.6681	-0.0070	0.012	+24 51 56.5	2	5.496	0.512	0.09
1959	+ 15 1494	7.3	....	7	85.2	85.0	4 8.48	2	3.4295	-0.0045	0.008	+15 32 11.6	2	5.540	0.478	0.07
1960	+ 34 1555	8.7	....	8.7	70.09	70.0	4 10.46	2	3.9507	-0.0108	0.019	+34 21 33.8	2	5.542	0.551	0.11

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
1921	104 307	Strassburg	Arg.-Oeltzen 7491	55 <sup>s</sup> 36	4" 5	Bonn A. G. C. 5734, 58 <sup>s</sup> .52, 56".2; 7 <sup>m</sup> .6.
1922	104 195	Leipzig, Engelmann	Cordoba G.C. 8848	57.63	2.4	
1923	81 70	Berlin, Tietjen	Paris Cat, 8595	58.07	56.9	
1924	94 307	Berlin, Tietjen	B. B. VI 1564	2.54	50.5	
1925	86 209, 89 37	Berlin, Becker	Christiania A. G. C. 1140	15.97	13.8	
1926	86 109, 89 37	Hamburg, Pechüle	B. B. VI 405	15.94	14.5	
1927	81 70	Berlin, Tietjen	A. N. 73, 299, mikr. Anschluss	35.04	18.1	
1928	86 109	Hamburg, Lindstedt	Helsingfors A. G. C. 4903	47.45	34.1	
1929	69 70	Berlin, Romberg	B. B. VI 1381	10.05	27.9	
1930	111 111 u. 221	Berlin, Knorre	Arg.-Oeltzen 7548	20.69	24.6	
						{ Bonn A. G. C. 5756, 20 <sup>s</sup> .80, 21".4; 9 <sup>m</sup> .0. Corr. Oeltz. + 0 <sup>s</sup> .42 nach neureduction auf 1842.0.
1931	85 197	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 4907	25.33	8.9	Siehe Noten.
1932	84 177	Leipzig, Engelmann	Leiden mikrom. Anschluss	35.3	43' 0	
1933	94 307	Berlin, Tietjen	A. N. 88 43 mikr. Anschluss	3.57	1" 6	
1934	94 307	Kremsmünster	Weisse, 1784 B. Z. 279	55.77	33.4	
1935	74 75	Washington	B. D. 1425	29.4	50' 0	
1936	85 197	Leiden, E. Bakhuyzen [u. Valentiner]	A. N. 79 87 mikr. Anschluss	32.39	12" 1	
1937	81 70	Berlin, Tietjen	B. D. 1393	34.6	8' 9	
1938	111 173	Berlin, Knorre	B. D. 1586	40.0	24.7	
1939	84 229	Berlin, Knorre	Leiden A. G. Z. 147 u. 254	45.29	10" 8	
1940	94 307	Berlin, Tietjen	Weisse, 1826 B. Z. 279	49.15	9.8	
						Berlin A. G. C. B. 2796, 49 <sup>s</sup> .72, 12".9; 9 <sup>m</sup> .0.
1941	92 371, 98 11	Pola, J. Palisa	Paris Cat., 8684	54.15	35.8	Berlin A. G. C. B. 2797, 54 <sup>s</sup> .00, 36".1; 8 <sup>m</sup> .2.
1942	81 70	Berlin, Tietjen	Leiden A. G. Z. 20 u. 21	18.18	9.3	
1943	86 211, 89 37	Berlin, Becker	Paris Cat, 8705	33.71	28.5	
1944	86 315, 89 37	Leiden, Valentiner	Christiania A. G. C. 1147	33.67	29.5	
1945	100 263	Pulkowa, Romberg	B. B. VI 413	33.62	29.8	
1946	77 264	Leiden, Valentiner	Leiden mikrom. Anschluss	43.1	2' 4	
1947	84 177	Leipzig, Engelmann	Paris Cat, 8714	45.70	47" 8	
1948	112 393	Cap	B. B. VI 1482	57.91	46.2	
1949	89 216	Marseille, Stephan	B. D. 1596	11.3	39' 6	
1950	81 70	Berlin, Tietjen	Bonn A. G. C. 5798	33.06	25" 8	
1951	108 277, 110 283	Washington, Paul	Armagh Cat. II 857	41.73	48.5	Berlin A. G. C. B. 2813; 41 <sup>s</sup> .43, 41".9; 7 <sup>m</sup> .1. E. B. Siehe Noten. Vergl. Note zu Nr. 1718. Bonn A. G. C. 5801, 45 <sup>s</sup> .55, 34".0; 8 <sup>m</sup> .6.
1952	108 184	Pulkowa, Romberg	Arg.-Oeltzen 7612	45.33	34.7	
1953	111 173 u. 222	Berlin, Knorre	Weisse, 3-4 B. Z. 277 u. 346	1.71	29.4	
1954	84 242	Berlin, Tietjen	B. D. 1406	7.4	34' 7	
1955	84 177	Leipzig, Engelmann	Weisse, 15 B. Z. 276	11.38	30" 9	
1956	85 197	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 4960	22.16	28.5	
1957	101 7 u. 373	Königsberg	Kasan A. G. Z. Vol. I, p. 378 [u. 382]	26.89	21.3	
1958	84 229	Berlin, Knorre	Paris Cat, 8770	37.53	57.1	
1959	112 393	Cap	Paris Cat, 8785	8.43	11.2	
1960	81 70	Berlin, Tietjen	Leiden A. G. Z. 164 u. 279	10.42	35.4	
						Siehe Noten.
						Berlin A. G. C. B. 2818, 37 <sup>s</sup> .52 57.1 8 <sup>m</sup> .1.

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
1961	+ 28° 1333	9.2	8	9.2	66.15	65.0	7h 4m 20s 57	2	+ 3s 7824	-0s 0086	-0s 014	+28° 56' 10" 4	2	5" 556	-0" 528	+ 0" 069
1962	.....	...	9	9.7	78.05	75.0	4 21.19	2	3.7853	-0.0086	0.014	+29 2 2.0	2	5.557	0.528	0.09
1963	+ 22 1609	8.0	....	7.8	77.16	76.0	4 30.88	2	3.6038	-0.0064	0.010	+22 29 4.7	2	5.571	0.502	0.08
1964	+ 68 468	8.0	8.7	8.8	74.5	74.0	4 42.23	4	6.4095	-0.0716	0.165	+68 57 19.2	4	5.587	0.896	0.3
1965	» »	»	....	8-9	74.7	74.0	42.27	4	»	»	»	19.6	4	»	»	»
1966	» »	»	....	8	74.47	75.0	42.36	2	»	»	»	20.2	2	»	»	»
1967	+ 27 1337	6.8	7	6.8	81.04	75.0	5 2.29	4	3.7385	-0.0081	0.013	+27 26 4.3	4	5.615	0.521	0.10
1968	+ 39 1897	8.9	....	8.8	78.05	75.0	6 1.28	1	4.1432	-0.0141	0.023	+39 52 42.7	1	5.697	0.577	0.13
1969	+ 39 1898	8.9	....	8.9	78.15	75.0	6 6.06	2	4.1394	-0.0141	0.023	+39 46 51.2	2	5.704	0.576	0.13
1970	+ 29 1483	9.5	9.5	...	83.98	80.0	6 53.19	2	3.8034	-0.0092	0.015	+29 43 34.3	2	5.770	0.529	0.0
1971	+ 25 1618	6.3	....	6	70.1	70.0	7 3.34	3	3.6719	-0.0076	0.012	+25 6 1.6	3	5.784	0.510	0.09
1972	.....	...	....	6.6	77.17	75.0	7 15.18	3	2.3150	+0.0012	0.000	-30 36 50.5	3	5.801	0.321	0.03
1973	+ 48 1500	7.8	....	7-8	69.1	68.0	7 54.07	2	4.5269	-0.0217	0.037	+48 40 57.0	2	5.855	0.629	0.17
1974	.....	...	10-11	...	78.03	75.0	7 56.01	2	4.1319	-0.0144	0.023	+39 39 2.9	2	5.858	0.574	0.13
1975	+ 22 1621	8.5	....	9	77.16	76.0	8 8.37	2	3.5984	-0.0068	0.011	+22 22 25.9	2	5.875	0.499	0.10
1976	» »	»	....	8	76.1	76.0	8.53	..	»	»	»	24.4	..	»	»	»
1977	+ 30 1465	9.1	9.1	8.8	69.1	68.0	8 16.51	2	3.8274	-0.0098	0.015	+30 34 31.9	2	5.886	0.531	0.10
1978	+ 18 1546	8.9	9	9	67.11	65.0	8 40.29	2	3.5099	-0.0058	0.010	+18 54 42.7	2	5.919	0.486	0.06
1979	+ 50 1411	7.8	8	8	80.10	80.0	8 42.01	2	4.6342	-0.0242	0.040	+50 43 25.8	2	5.922	0.643	0.1*
1980	+ 22 1626	9.0	....	9	77.18	76.0	8 43.19	2	3.6113	-0.0070	0.011	+22 52 47.0	2	5.923	0.501	0.10
1981	+ 49 1612	5.3	5.3	4.8	81.5	81.0	9 1.79	2	4.5769	-0.0231	0.037	+49 41 4.9	2	5.949	0.635	0.12
1982	.....	...	10.5	11	77.10	75.0	9 3.45	2	3.5961	-0.0069	0.011	+22 18 37.1	2	5.952	0.498	0.1*
1983	+ 32 1516	7.8	7.8	7	74.07	70.0	9 9.98	3	3.8755	-0.0106	0.015	+32 10 53.6	3	5.961	0.537	0.12
1984	+ 16 1433	7.5	7.5	7	73.13	73.0	9 33.55	1	3.4469	-0.0052	0.008	+16 21 48.8	1	5.994	0.477	0.08
1985	+ 30 1473	8.7	9	8.7	69.0	68.0	9 49.15	3	3.8265	-0.0100	0.014	+30 35 59.4	3	6.015	0.530	0.12
1986	+ 61 957	9.2	....	9.3	70.64	73.0	9 50.97	1	5.3796	-0.0434	0.077	+61 4 10.6	2	6.018	0.746	0.25
1987	» »	»	....	9.2	71.68	70.0	51.26	1	»	»	»	9.3	1	»	»	»
1988	+ 49 1615	8.4	....	8-9	81.7	81.0	9 58.03	2	4.5853	-0.0236	0.038	+49 52 38.2	2	6.028	0.635	0.15
1989	+ 50 1413	8.7	8.7	8.8	83.96	80.0	9 59.21	2	4.5941	-0.0238	0.038	+50 2 32.4	2	6.029	0.636	0.15
1990	+ 28 1356	8.6	8.6	8-9	80.73	75.0	10 7.35	4	3.7705	-0.0093	0.013	+28 42 40.3	4	6.041	0.522	0.1
1991	+ 68 475	9.0	9	8.9	74.48	70.0	10 43.92	2	6.3668	-0.0771	0.155	+68 51 41.7	2	6.092	0.882	0.4
1992	» »	»	....	9	74.7	74.0	43.97	4	»	»	»	42.3	4	»	»	»
1993	+ 24 1606	8.9	....	9.0	70.09	70.0	11 1.21	2	3.6562	-0.0079	0.011	+24 38 16.9	2	6.115	0.505	0.15
1994	+ 21 1570	9.5	....	9.5	73.07	70.0	11 47.48	1	3.5791	-0.0070	0.010	+21 43 37.6	1	6.180	0.494	0.16
1995	+ 28 1367	7.6	7.6	8	80.69	75.0	12 33.97	4	3.7578	-0.0096	0.013	+28 21 0.7	3	6.244	0.518	0.11
1996	+ 30 1484	9.2	....	9.2	69.1	68.0	12 38.85	2	3.8199	-0.0104	0.014	+30 28 43.6	2	6.251	0.527	0.11
1997	+ 55 1192	5.5	....	5.1	74.5	74.0	12 39.63	4	4.9215	-0.0326	0.052	+55 30 50.2	4	6.252	0.679	0.22
1998	+ 15 1541	6.8	....	7	85.1	85.0	12 59.64	2	3.4213	-0.0053	0.008	+15 22 18.8	2	6.280	0.471	0.08
1999	+ 23 1681	8.5	8.5	9	84.00	80.0	13 12.79	2	3.6337	-0.0079	0.010	+23 51 36.4	2	6.298	0.500	0.15
2000	.....	...	9-10	9-10	74.07	70.0	13 28.09	2	3.8716	-0.0113	0.015	+32 12 33.8	2	6.319	0.533	0.15

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1961	69 70	Berlin, Romberg	B. D. 1333	20 <sup>s</sup> 0	55' 7	Siehe Noten. { Dupl. pr. Berlin A. G. C. B. 2825, 30 <sup>s</sup> .87, 4 <sup>m</sup> .6; 8 <sup>m</sup> .3. { » seq. » » » 2826, 31.25, 10.7; 8.3.
1962	92 371	Pola, J. Palisa	Leiden mikrom. Anschluss	21.1	1.4	
1963	94 307	Berlin, Tietjen	Struve Pos.med.825pr.austr.	30.74	5 <sup>m</sup> 1	
1964	100 263	Pulkowa, Romberg	Christiania A. G. C. 1154	42.40	20.6	
1965	85 11	Moskau, Gromadzki	Paris Cat, 8801	42.00	20.9	
1966	86 109	Hamburg, Pechule	Arg.-Oeltzen 7627	42.38	19.0	
1967	110 297	Leiden, E. Bakh. u. [Wilterdink]	Pulk. Cat. 1875.0, 1623	2.32	4.6	
1968	92 371	Pola, J. Palisa	Lund A. G. Z. 146 u. 160	1.03	44.0	
1969	92 371	Pola, J. Palisa	Lund A. G. Z. 405 u. 503	6.05	52.0	
1970	111 173	Berlin, Knorre	A.N. 94, 283 mikr. Anschluss	53.26	34.5	
1971	76 53	Königsberg, Lorek	Paris Cat, 8873	3.23	59.9	{ Berlin A. G. C. B. 2845 3 <sup>s</sup> .22, 59 <sup>m</sup> .3; 5 <sup>m</sup> .8. { E. B. + 0 <sup>s</sup> .0041, — 0 <sup>m</sup> .103 nach Pariser Cat. S. Noten.
1972	91 213	Pola, J. Palisa	Cordoba G. C. 9128	15.16	51.0	
1973	78 291	Leiden, Kam	Arg.-Oeltzen 7701	53.86	57.1	
1974	92 371	Pola, J. Palisa	Leiden mikrom. Anschluss	54. . .	39'	
1975	94 307	Berlin, Tietjen	Paris Cat, 8901	8.41	23 <sup>m</sup> 9	
1976	88 245	Berlin	Weisse, 210 B. Z. 279	8.00	23.8	
1977	74 75	Washington	Wash.Obs.1885 p.267, N <sup>o</sup> .344	16.81	38.5	
1978	69 70	Berlin, Romberg	Weisse, 231 B. Z. 281	40.01	47.7	
1979	98 133	Pola, J. Palisa	Arg.-Oeltzen 7715-16	41.95	26.7	
1980	94 307	Berlin, Tietjen	Weisse, 230 B. Z. 279	42.99	47.4	
1981	105 183, 108 184	Königsberg	Greenw. 10 Y. Cat. 1243	1.80	5.6	Bonn A. G. C. 5869, 1 <sup>s</sup> .90, 5 <sup>m</sup> .3; 5 <sup>m</sup> .4.
1982	91 213	Pola, J. Palisa	Pariser Karte Nr. 22	0	20'	
1983	84 229	Berlin, Knorre	Leiden A. G. Z. 167 u. 282	10.07	53 <sup>m</sup> 5	
1984	88 135	Wien, Holetschek	Paris Cat, 8947	34.21	52.3	
1985	74 75	Washington	Leiden A. G. Z. 272 u. 350	49.11	0.3	
1986	85 197	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 5016	51.05	9.6	
1987	81 70	Berlin, Tietjen	B. B. VI 957	51.12	11.8	
1988	105 183, 108 184	Königsberg	Arg.-Oeltzen 7746-7	58.06	38.4	
1989	111 173 u. 221	Berlin, Knorre	B. B. VI 1413	59.01	33.8	
1990	110 291	Leiden, E. Bakhuyzen [Stieltjes u. Wilterd.	Paris Cat, 8959	7.35	40.7	
1991	86 11, 89 37	Berlin, Becker	Christiania A. G. C. 1168	44.03	41.6	Berlin A. G. C. B. 2883, 1 <sup>s</sup> .10, 16 <sup>m</sup> .5; 9 <sup>m</sup> .1.  Die A.R. in beiden Kön. Zonen weichen 0 <sup>s</sup> .91 voneinander ab Pulk. Cat. 1875.0, 1654, 38 <sup>s</sup> .60, 42 <sup>m</sup> .5; 9 <sup>m</sup> .3. 19 Lyncis seq. E. B. nach F. C. — 0 <sup>s</sup> .0040, — 0 <sup>m</sup> .028 bei [Romberg schon angebracht.
1992	85 11 u. 300, 89 37	Moskau, Gromadzki	Arg.-Oeltzen 7744	43.52	39.1	
1993	81 70	Berlin, Tietjen	B. B. VI 1606	0.67	18.0	
1994	84 242	Berlin, Tietjen	B. D. 1570	46.9	44' 4	
1995	110 291	Leiden, E. Bakhuyzen [Stieltjes u. Wilterd.	Weisse, 332-3 B. Z. 351-2	33.71	0 <sup>m</sup> 6	
1996	78 291	Leiden, Kam	Leiden A. G. Z. 272 u. 350	38.70	43.5	
1997	100 264	Pulkowa, Romberg	Auwers Fund. Cat. A. G. 397	39.68	50.9	
1998	112 393	Cap	Weisse, 358 B. Z. 276	59.82	17.0	
1999	111 173	Berlin, Knorre	Weisse, 364 B. Z. 339	12.88	38.7	
2000	84 229	Berlin, Knorre	Leiden mikrom. Anschluss	28.3	12' 4	



NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER											
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
2001	+ 29°1514	8.3	....	8.3	70.09	70.0	7 <sup>h</sup> 13 <sup>m</sup> 36 <sup>s</sup> 44	2	+ 38.7814	—0.0100	—0.014	+29°12' 22"7	2	6" 331	—0" 520	+ 0" 11
2002	.....	...	....	8½	77.17	75.0	13 43.13	2	2.3230	+0.0012	0.000	—30 34 18.5	2	6.340	0.319	0.03
2003	+ 61 964	8.7	....	8.7	71.68	70.0	13 51.82	1	5.3711	—0.0458	0.076	+61 7 3.5	1	6.352	0.740	0.27
2004	+ 61 966	9.5	....	...	73.55	73.0	14 25.78	2	5.3627	—0.0459	0.076	+61 2 55.8	2	6.399	0.738	0.27
2005	+ 30 1490	7.6	8	7.6	69.1	68.0	14 39.18	2	3.8054	—0.0105	0.013	+30 3 43.8	3	6.417	0.523	0.11
2006	+ 68 478	9.0	9	9.2	74.50	70.0	14 59.65	3	6.3313	—0.0806	0.148	+68 46 17.6	3	6.446	0.872	0.42
2007	» »	»	....	...	74.7	74.0	59.74	5	»	»	»	16.0	5	»	»	»
2008	+ 14 1646	8.3	....	9	65.01	65.0	15 11.58	2	3.3930	—0.0052	0.007	+14 13 20.1	2	6.462	0.466	0.03
2009	+ 25 1655	9.1	9	9.0	65.16	65.0	15 25.12	2	3.6631	—0.0086	0.011	+25 1 53.3	2	6.481	0.503	0.11
2010	+ 18 1591	9.0	9	...	63.19	65.0	15 26.17	2	3.4902	—0.0064	0.009	+18 16 46.4	2	6.482	0.479	0.10
2011	+ 22 1661	8.7	....	8	76.1	76.0	15 38.54	..	3.5886	—0.0076	0.010	+22 12 23.3	..	6.499	0.492	0.10
2012	» »	»	....	8-9	77.13	76.0	38.56	1	»	»	»	25.9	1	»	»	»
2013	+ 49 1620	9.2	....	9.2	70.13	70.0	15 43.32	2	4.5333	—0.0245	0.034	+49 7 14.6	2	6.506	0.623	0.19
2014	+ 0 1917	7.0	7.0	7.1	83.96	80.0	16 1.69	2	3.0930	—0.0023	0.003	+ 0 56 19.6	2	6.531	0.424	0.07
2015	+ 21 1587	9.3	....	9.3	73.07	70.0	16 14.00	1	3.5713	—0.0074	0.010	+21 33 9.9	1	6.548	0.489	0.10
2016	+ 48 1521	8.2	....	9	69.1	68.0	16 27.23	2	4.5219	—0.0245	0.034	+48 55 54.2	2	6.567	0.620	0.19
2017	+ 50 1428	9.0	9	8.6	80.13	80.0	16 35.03	3	4.6094	—0.0266	0.036	+50 35 28.3	3	6.577	0.632	0.19
2018	+ 49 1623	4.5	....	4.5	69.0	68.0	17 16.90	3	4.5472	—0.0255	0.035	+49 27 26.4	3	6.635	0.623	0.19
2019	.....	...	....	7.1	77.17	75.0	17 24.26	3	2.2733	+0.0012	0.000	—32 21 0.0	3	6.645	0.310	0.03
2020	+ 68 480	5.5	....	6.0	74.5	74.0	17 51.14	8	6.3082	—0.0829	0.142	+68 43 1.7	8	6.682	0.864	0.43
2021	» »	»	5.5	5-6	74.48	70.0	51.31	2	»	»	»	2.5	2	»	»	»
2022	+ 20 1799	9.1	9	9	65.65	65.0	18 15.15	2	3.5381	—0.0072	0.009	+20 17 33.6	2	6.715	0.483	0.10
2023	.....	...	11	11	74.16	70.0	18 30.09	2	5.3414	—0.0480	0.072	+60 58 17.9	2	6.736	0.731	0.29
2024	+ 50 1431	8.3	....	8-9	81.7	81.0	19 8.47	3	4.6056	—0.0275	0.035	+50 37 56.4	3	6.788	0.629	0.20
2025	» »	»	8.3	8.3	82.01	81.0	8.63	3	»	»	»	57.9	3	»	»	»
2026	+ 22 1687	7.0	....	7	81.1	81.0	20 12.75	..	3.5896	—0.0081	0.009	+22 23 26.1	..	6.876	0.489	0.10
2027	.....	...	9.2	...	73.23	73.0	20 24.40	1	3.4268	—0.0060	0.007	+15 46 16.4	1	6.892	0.466	0.03
2028	+ 19 1734	7.2	....	7	69.1	69.0	20 31.33	2	3.5118	—0.0071	0.009	+19 17 51.2	2	6.902	0.478	0.10
2029	» »	»	....	...	70.1	70.0	31.41	3	»	»	»	52.4	3	»	»	»
2030	+ 22 1689	8.3	....	8	81.15	80.0	20 38.81	3	3.6025	—0.0084	0.010	+22 54 14.1	3	6.912	0.490	0.10
2031	+ 68 485	9.1	....	9	75.22	75.0	20 48.11	1	6.2358	—0.0832	0.133	+68 21 57.8	1	6.925	0.851	0.43
2032	» »	9.0	9	...	74.51	70.0	48.37	2	»	»	»	57.6	2	»	»	»
2033	» »	»	....	...	74.7	74.0	48.50	5	»	»	»	57.3	5	»	»	»
2034	.....	...	....	...	72.53	70.0	20 48.24	1	6.2146	—0.0823	0.131	+68 14 1.5	1	6.925	0.847	0.42
2035	+ 15 1577	8.5	(8.4)	8	73.23	73.0	20 59.93	3	3.4268	—0.0061	0.007	+15 46 54.3	2	6.941	0.466	0.03
2036	.....	...	....	...	72.10	70.0	21 16.44	1	3.8105	—0.0117	0.013	+30 29 27.5	1	6.964	0.518	0.12
2037	.....	...	....	...	73.07	70.0	16.55	1	»	»	»	26.2	1	»	»	»
2038	.....	...	10	10	74.53	70.0	21 20.62	2	6.2061	—0.0825	0.130	+68 11 50.6	2	6.969	0.846	0.43
2039	+ 22 1694	8.0	....	8	77.12	76.0	21 25.53	2	3.5806	—0.0082	0.010	+22 4 28.1	2	6.976	0.487	0.10
2040	» »	»	....	8	76.1	76.0	25.62	..	»	»	»	27.8	..	»	»	»



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2001	81 70	Berlin, Tietjen	B. D. 1514	36 <sup>s</sup> .4	12' 2	
2002	91 213	Pola, J. Palisa	Cordoba G. C. 9320	43.08	18"6	
2003	81 70	Berlin, Tietjen	Helsingfors A. G. C. 5052	52.06	4.1	
2004	85 198	Leiden, E. Bakhuyzen	A. N. 78, 357 mikr. Anschluss	26.05	54.9	Siehe Noten.
2005	74 75	Washington	Leiden A. G. Z. 145 u. 256	39.13	42.7	A. N. Declin. + 1" corrigirt cf. A. N. 78 167.
2006	86 211	Berlin, Becker	Christiania A. G. C. 1179	59.85	16.3	
2007	85 11	Moskau, Gromadzki	.....	.....	.....	
2008	69 70	Berlin, Romberg	Paris Cat, 9017	11.51	16.9	
2009	69 70	Berlin, Romberg	B. B. VI 1655	25.04	50.4	
2010	69 70	Berlin, Romberg	Kam 1274-5	26.09	46.4	
2011	88 245	Berlin	Weisse, 423 B. Z. 279	38.12	24.5	Berlin A. G. C. B. 2918, 38 <sup>s</sup> .36, 24"6; 8 <sup>m</sup> .7.
2012	94 307	Berlin, Tietjen	Paris Cat, 9027	38.47	25.1	
2013	81 70	Berlin, Tietjen	B. D. 1620	44.9	7' 3	
2014	111 173 u. 223	Berlin, Knorre	Albany A. G. C. 2791	1.68	17"9	E. B. nach Bemerkung in A. N. Siehe Noten.
2015	84 242	Berlin, Tietjen	B. B. VI 1587	13.87	12.6	
2016	78 291	Leiden, Kam	Arg.-Oeltzen 7855	27.15	57.1	{ A. Ö. 7854 hat 26 <sup>s</sup> .32, 52"5; 8 <sup>m</sup> . Siehe Noten. Bonn A. G. C. 5947, 27 <sup>s</sup> .13, 52"9; 8 <sup>m</sup> .2.
2017	98 133	Pola, J. Palisa	Cambridge (M.) A. G. C. 2840	35.00	27.6	
2018	74 248	Königsberg, Lorek	Pulkowa Cat. 1875.0, 1668	16.84	24.9	{ E. B. nach Pulk. — 0 <sup>s</sup> .0013, — 0"047. Bonn A. G. C. 5957, 16 <sup>s</sup> .76, 25"6; 4 <sup>m</sup> .3.
2019	91 213	Pola, J. Palisa	Cordoba G. C. 9423	24.26	59.2	
2020	100 264	Pulkowa, Romberg	Auwers Fund Cat. A. G. 116	51.33	2.8	E. B. nach F. C. + 0"0027 — 0"074, bei Romberg schon [angebracht.
2021	86 209	Berlin, Becker	Paris Cat, 9079	50.87	4.1	
2022	69 70	Berlin, Romberg	Weisse, 490 B. Z. 277	15.25	32.4	Berl. A. G. C. B. 2939, 14 <sup>s</sup> .98, 31"9; 9 <sup>m</sup> .0.
2023	84 229	Berlin, Knorre	A. N. 78 357, 79 87, mikr. [Anschluss	30.27	17.6	
2024	105 183, 111 221	Königsberg	Arg.-Oeltzen 7906	8.80	2.5	Cambr. (M.) A. G. C. 2850, 8 <sup>s</sup> .70, 58"5; 8 <sup>m</sup> .6.
2025	108 184	Pulkowa, Romberg	Küstner 252	8.53	57.5	
2026	101 281	Kremsmünster	Paris Cat, 9129	12.63	26.5	Berlin A. G. C. B. 2952, 12 <sup>s</sup> .68, 27"3; 6 <sup>m</sup> .7. Gelbroth n. Berl.
2027	84 177	Leipzig, Engelmann	Leiden mikrom. Anschluss	24.4	46' 3	Siehe Noten.
2028	78 375	Padua	Weisse, 553 B. Z. 277	30.98	52"5	Scheinb Aeq. 1869 Jan. 19. Red. 1869.0 — 0 <sup>s</sup> .788 + 8"52.
2029	76 53	Königsberg, Lorek	Kam 1288	31.43	53.0	
2030	111 52	Hamburg, Schrader	Weisse, 554 B. Z. 339	39.10	16.7	{ Berlin A. G. C. B. 2955, 38 <sup>s</sup> .77, 15"2; 8 <sup>m</sup> .0. A. N. Beob. unsicher.
2031	89 21 u. 38	Leiden, Haga	Paris Cat, 9145	48.72	56.5	
2032	86 211, 89 37	Berlin, Becker	A. N. 86 97 mikr. Anschluss	39.36	53.0	Siehe Noten.
2033	85 11 u. 95, 89 38	Moskau, Gromadzki	.....	.....	.....	
2034	86 211, 89 38	Berlin, Becker	Leiden mikrom. Anschluss	47.4	14' 1	Siehe Noten.
2035	84 178	Leipzig, Engelmann	Weisse, 575 B. Z. 276	0.04	57"5	
2036	81 70	Berlin, Tietjen	.....	.....	.....	
2037	84 242	Berlin, Tietjen	.....	.....	.....	{ Siehe Noten.
2038	86 211	Berlin, Becker	Leiden Mer. Beob.	20.72	48.5	Siehe Noten.
2039	94 307	Berlin, Tietjen	Paris Cat, 9161	25.44	....	Berlin A. G. C. B. 2967, 25 <sup>s</sup> .55 8"1; 8 <sup>m</sup> .1.
2040	88 245	Berlin	Weisse, 585 B. Z. 279	25.99	29.8	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle	Beob.	Pos.										
1800 +																
2041	+ 21° 1609	9.1	8.7	9.1	71.21	70.0	7h 21m 46s 72	2	+ 3.5573	-0.0079	-0.009	+21° 9' 57" 4	2	7" 005	-0' 483	-0" 10
2042	+ 21 1610	8.0	8.5	8-9	73.23	70.0	21 47.26	2	3.5469	-0.0079	0.009	+21 11 36.2	2	7.006	0.483	0.10
2043	+ 34 1621	9.5	....	9.5	74.02	73.0	21 52.43	2	3.9176	-0.0136	0.016	+34 0 53.8	2	7.013	0.532	0.12
2044	+ 14 1677	7.5	....	...	82.3	82.0	22 9.20	2	3.3987	-0.0058	0.007	+14 36 45.3	2	7.035	0.461	0.09
2045	+ 50 1441	8.0	....	8.4	81.7	81.0	22 24.01	3	4.5855	-0.0283	0.035	+50 24 36.3	3	7.056	0.623	0.20
2046	+ 17 1587	8.5	8.9	...	64.20	65.0	22 32.61	2	3.4701	-0.0068	0.008	+17 38 20.5	2	7.068	0.471	0.10
2047	+ 67 497	9.0	....	8.7	74.7	74.0	23 2.83	5	6.1231	-0.0809	0.121	+67 43 5.4	5	7.109	0.832	0.45
2048	+ 60 1061	7.8	....	7.8	74.7	74.0	23 3.02	..	5.2621	-0.0483	0.065	+60 16 45.4	..	7.110	0.714	0.29
2049	+ 19 1749	8.7	8	8-9	64.18	65.0	23 10.96	2	3.5084	-0.0074	0.009	+19 14 8.5	2	7.120	0.475	0.10
2050	+ 14 1681	7.8	....	7-8	65.00	65.0	23 23.86	2	3.3866	-0.0058	0.006	+14 7 25.3	2	7.137	0.458	0.09
2051	+ 47 1457	9.5	9.2	9.5	84.00	80.0	23 39.20	1	4.4236	-0.0247	0.028	+47 15 22.5	1	7.158	0.599	0.18
2052	+ 27 1403	8.1	8.2	8-9	80.44	75.0	23 39.70	4	3.7330	-0.0108	0.012	+27 52 56.0	4	7.159	0.505	0.12
2053	+ 15 1586	9.0	(8.7)	9	73.24	73.0	23 54.14	2	3.4252	-0.0063	0.007	+15 47 18.5	3	7.179	0.463	0.10
2054	+ 13 1694	9.2	9	9.2	74.03	70.0	24 11.67	2	3.3651	-0.0056	0.005	+13 12 30.6	2	7.203	0.455	0.09
2055	+ 24 1686	8.2	....	8-9	65.18	65.0	24 19.52	2	3.6477	-0.0095	0.010	+24 45 54.6	2	7.214	0.493	0.11
2056	+ 27 1409	8.5	8.5	8-9	80.46	75.0	25 2.03	4	3.7323	-0.0109	0.012	+27 54 51.3	4	7.271	0.504	0.12
2057	+ 23 1744	6.0	....	6	81.15	80.0	25 21.03	3	3.6047	-0.0090	0.010	+23 9 6.8	3	7.297	0.486	0.10
2058	+ 47 1461	8.6	....	8	77.22	77.0	25 22.49	1	4.4151	-0.0250	0.029	+47 9 36.3	1	7.299	0.597	0.19
2059	+ 64 640	7.8	7.8	7.2	79.6	79.0	25 28.25	5	5.7319	-0.0671	0.092	+64 54 51.3	5	7.307	0.775	0.37
2060	.....	...	....	5.3	77.17	75.0	25 51.10	3	2.3334	+0.0011	0.000	-30 42 3.1	3	7.338	0.313	0.05
2061	+ 49 1644	9.1	....	9	70.10	70.0	26 24.16	2	4.5246	-0.0282	0.033	+49 26 26.4	2	7.383	0.610	0.20
2062	+ 67 499	8.3	8.2	7.9	74.5	74.0	26 33.70	3	6.0467	-0.0812	0.113	+67 19 30.6	3	7.395	0.817	0.45
2063	+ 60 1069	6.7	....	7.1	73.53	73.0	26 34.46	2	5.2968	-0.0518	0.066	+60 48 37.7	2	7.397	0.715	0.30
2064	+ 49 1645	8.3	....	8-9	69.1	69.0	26 38.41	2	4.5152	-0.0280	0.033	+49 16 6.1	2	7.402	0.609	0.20
2065	+ 15 1601	8.8	....	8.8	85.1	85.0	26 42.71	2	3.4076	-0.0063	0.006	+15 6 18.3	2	7.408	0.459	0.10
2066	+ 51 1331	9.5	....	9.5	82.21	81.0	27 2.46	2	4.6135	-0.0307	0.035	+51 8 32.8	2	7.435	0.622	0.22
2067	+ 12 1596	7.7	....	8.4	82.8	82.0	27 34.51	..	3.3490	-0.0056	0.005	+12 34 28.7	..	7.478	0.450	0.09
2068	+ 11 1617	8.7	....	8.7	82.8	82.0	27 48.67	..	3.3323	-0.0055	0.005	+11 50 37.0	..	7.497	0.448	0.09
2069	+ 78 262	9.0	9.0	9	81.66	81.0	27 59.96	2	9.1826	-0.2798	0.508	+78 31 55.5	2	7.512	1.238	1.19
2070	+ 18 1670	9.0	....	9.0	?	77.0	28 1.43	1	3.4780	-0.0074	0.008	+18 7 36.4	1	7.514	0.467	0.11
2071	+ 33 1554	8.0	....	8.0	?	77.0	28 10.48	1	3.8804	-0.0141	0.015	+33 6 43.1	1	7.527	0.521	0.14
2072	+ 20 1848	9.2	8.8	9	73.24	73.0	28 41.73	2	3.5454	-0.0085	0.008	+20 54 58.1	3	7.569	0.476	0.11
2073	» »	»	9	8.7	65.69	65.0	41.81	2	»	»	»	57.8	2	»	»	»
2074	+ 67 500	8.8	....	8.8	74.7	74.0	28 45.73	4	6.0384	-0.0831	0.110	+67 20 46.9	4	7.574	0.812	0.44
2075	+ 34 1643	9.5	....	9.5	73.84	70.0	28 48.67	2	3.9279	-0.0152	0.016	+34 39 12.4	2	7.578	0.527	0.15
2076	» »	»	....	...	83.1	83.0	48.73	2	»	»	»	13.9	2	»	»	»
2077	+ 67 501	8.0	8.1	8.0	74.5	74.0	29 12.33	3	6.1108	-0.0869	0.114	+67 50 58.2	3	7.610	0.821	0.45
2078	.....	...	....	6.0	77.17	75.0	29 19.73	3	2.1715	+0.0011	0.000	-36 4 3.1	3	7.620	0.290	0.05
2079	+ 67 503	9.5	9.5	9.5	74.54	70.0	29 39.24	2	5.9966	-0.0822	0.105	+67 5 20.4	2	7.646	0.805	0.44
2080	+ 67 502	9.3	9.3	9.3	74.7	74.0	29 40.03	4	6.0612	-0.0851	0.110	+67 32 6.2	4	7.647	0.814	0.45

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2041	104 195	Leipzig, Engelmann	Pulkowa Cat. 1875.o, 1690	46 <sup>s</sup> 83	53"5	Stern in Nebel nach A. N.
2042	104 195	Leipzig, Engelmann	Paris Cat, 9173	47.15	35.2	Berlin A. G. C. B. 2969, 47 <sup>s</sup> .19, 35"6; 8 <sup>m</sup> .3.
2043	86 313	Leiden, E. Bakhuyzen	Pulkowa Cat. 1875.o, 1692	52.58	53.4	
2044	108 143	Leipzig	Brüssel Cat. 3137	9.18	45.0	Für die Identit. mit B. D. cf. Publ. XVIII, S. 48 u. A. N. 103, 127.
2045	105 183, 108 184	Königsberg	Pulkowa Cat. 1875.o, 1696	24.07	36.2	Σ 1096 seq. austr. maj. Cambr. (M.) A. G. C. 2876, 24 <sup>s</sup> .10, [36"3; 8 <sup>m</sup> .2.
2046	69 70	Berlin, Romberg	Kam 1292	32.66	19.5	
2047	85 11 u. 300	Moskau, Gromadzki	Christiania A. G. C. 1201	2.76	5.8	A. N. Dupl. seq.
2048	85 10	Kremsmünster	Helsingfors A. G. G. 5124	3.71	45.9	Fedorenko 1117-18, 3 <sup>s</sup> .07, 43"2; 9 <sup>m</sup> .
2049	69 70	Berlin, Romberg	Weisse, 635 B. Z. 277	10.81	23.3	E. B. Siehe Noten.
2050	69 70	Berlin, Romberg	Paris Cat., 9218	23.86	24.9	A. N. Dupl. praec.
2051	111 173	Berlin, Knorre	Küstner 253	39.18	23.5	Siehe Noten.
2052	110 291	Leiden, Stieltjes u. [Wilterdink	Paris Cat, 9225	39.79	56.6	
2053	84 178	Leipzig, Engelmann	Weisse, 660 B. Z. 276	54.05	17.2	Weisse u. B. Z. in δ um — 10"3 corrigirt. Siehe Noten.
2054	84 229	Berlin, Knorre	B. D. 1694	9.9	11'8	
2055	69 70	Berlin, Romberg	Paris Cat, 9244	19.61	53"9	Berlin A. G. C. B. 2992, 19 <sup>s</sup> .48, 52"6; 8 <sup>m</sup> .0.
2056	110 291	Leiden, E. Bakh. Stiel- [tjes u. Wilterdink	Paris Cat, 9262	2.13	51.6	
2057	111 53	Hamburg, Schrader	Paris Cat, 9271	21.09	7.3	Berlin A. G. C. B. 3000, 21 <sup>s</sup> .02, 7"4; 6 <sup>m</sup> .6. Dupl. praec.
2058	94 307	Berlin, Tietjen	Arg.-Oeltzen 8013	22.54	38.5	Bonn A. G. C. 6054, 22 <sup>s</sup> .41, 34"7; 8 <sup>m</sup> .7.
2059	100 249	Königsberg, Rahts	Helsingfors A. G. C. 5139	28.21	51.1	Christ. A. G. C. 1209, 28 <sup>s</sup> .61, 49"2; 8 <sup>m</sup> .0.
2060	91 213	Pola, J. Palisa	Cordoba G. C. 9664	51.12	2.7	
2061	81 70	Berlin, Tietjen	Arg.-Oeltzen 8042	24.18	26.8	Bonn A. G. C. 6067, 24 <sup>s</sup> .09, 26"4; 8 <sup>m</sup> .9.
2062	100 263	Pulkowa, Romberg	Christiania A. G. C. 1215	33.84	32.6	
2063	85 198	Leiden, E. Bakhuyzen [u. Valentiner	Helsingfors A. G. C. 5146	34.62	39.0	
2064	78 291	Leiden, Kam	Arg.-Oeltzen 8050	38.53	9.6	Bonn A. G. C. 6070, 38 <sup>s</sup> .52, 5"1; 8 <sup>m</sup> .4.
2065	112 293	Cap	Karlsruher Beob. Heft III, [p. 99, Nr. 328	42.76	18.2	
2066	[108 184]	Pulkowa, Romberg	B. D. 1331	2.3	8'5	Siehe Note zu N°. 1718.
2067	104 63	Washington	Pulkowa Cat. 1875.o, 1717	33.96	26"8	Σ 1116 praec. bor. maj.
2068	104 63	Washington	B. D. 1617	47.1	50'2	
2069	102 297, 108 29	Berlin, Leman	Kasan A. G. Z. Vol. Ip. 166 u. 170	0.48	58"1	A. N. + 1' corrigirt nach Bd. 103. 29.
2070	89 216	Marseille, Stephan	B. D. 1670	59.9	7'6	
2071	89 216	Marseille, Stephan	Leiden A. G. Z. 23 u 25	10.54	44"1	
2072	84 178, 86 81	Leipzig, Engelmann	Weisse, 806-7 B. Z. 277 u. 279	41.80	58.9	
2073	69 70	Berlin, Romberg	Berlin A. G. C. B. 3027	41.84	56.4	
2074	85 11	Moskau, Gromadzki	Christiania A. G. C. 1222	45.67	47.1	
2075	84 242	Berlin, Tietjen	B. B. VI 1643	47.85	10.8	Siehe Noten.
2076	108 38	Leiden	.....	.....	.....	Keine Zonen-beobachtung.
2077	100 263	Pulkowa, Romberg	Christiania A. G. C. 1223	12.43	58.9	
2078	91 213	Pola J. Palisa	Cordoba G. C. 9751	19.76	4.3	
2079	86 211	Berlin, Becker	B. D. 503	37	5'9	
2080	85 11	Moskau, Gromadzki	B. D. 502	35	30.8	

NUM-MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied	
					1800 +												
2081	+ 38° 1800	9.4	9.5	9.5	83.96	80.0	7h 30m 8s 80	2	+ 4s 0500	-0s 0180	-0s 018	+38° 22' 15" 1	2	7" 686	-0" 542	+ 0" 17	
2082	+ 19 1784	7.0	....	7	69.1	69.0	30 13.79	2	3.5022	-0.0080	0.008	+19 11 54.7	2	7.693	0.468	0.11	
2083	+ 67 504	8.8	8.8	8.6	74.52	70.0	30 38.77	2	6.1099	-0.0884	0.113	+67 53 42.6	2	7.727	0.819	0.46	
2084	+ 29 1564	9.2	....	9.2	69.1	68.0	30 40.31	2	3.7723	-0.0125	0.012	+29 34 15.9	2	7.729	0.504	0.12	
2085	- 0 1766	8.3	8.5	8.3	74.06	70.0	30 51.56	2	3.0524	-0.0025	0.003	- 0 55 13.2	2	7.744	0.407	0.07	
2086	+ 26 1616	9.4	....	9.4	77.14	76.0	30 55.25	2	3.6788	-0.0109	0.010	+26 11 34.9	2	7.749	0.491	0.12	
2087	+ 66 521	9.0	9	9.3	74.53	70.0	31 32.43	2	5.9038	-0.0799	0.099	+66 29 29.2	2	7.799	0.790	0.43	
2088	+ 24 1730	7.0	7	7.0	65.18	65.0	31 38.76	2	3.6336	-0.0102	0.010	+24 30 16.3	2	7.807	0.485	0.12	
2089	+ 66 522	8.9	....	8.5	74.7	74.0	31 53.44	2	5.9361	-0.0817	0.099	+66 44 28.7	2	7.827	0.794	0.44	
2090	+ 32 1599	7.0	....	7.0	73.84	70.0	31 54.18	2	3.8502	-0.0142	0.013	+32 17 36.9	2	7.828	0.514	0.13	
2091	+ 21 1658	9.0	9	8.7	66.71	65.0	32 4.90	2	3.5476	-0.0089	0.008	+21 7 25.1	2	7.842	0.473	0.11	
2092	+ 27 1440	8.5	....	9-10	80.20	80.0	32 11.73	2	3.6993	-0.0114	0.011	+27 0 24.1	2	7.852	0.493	0.12	
2093	+ 49 1657	8.6	....	8.5	68.0	69.0	32 13.30	3	4.5042	-0.0297	0.032	+49 20 7.2	3	7.854	0.601	0.21	
2094	+ 59 1103	5.0	....	5.1	74.5	74.0	32 25.15	7	5.1188	-0.0491	0.054	+58 59 59.9	7	7.870	0.683	0.30	
2095	+ 27 1443	8.5	....	9	66.06	66.0	32 26.65	2	3.7151	-0 0118	0.011	+27 36 1.5	2	7.872	0.495	0.12	
2096	» »	»	....	9	66.67	65.0	26.67	2	»	»	»	1.1	2	»	»	»	
2097	+ 52 1236	9.0	....	9.0	68.6	68.0	32 28.58	2	4.6685	-0.0345	0.037	+52 23 39.6	2	7.874	0.623	0.22	
2098	+ 40 1925	9.1	....	9.1	80.10	80.0	32 51.95	2	4.1062	-0.0198	0.019	+40 4 48.0	2	7.906	0.547	0.16	
2099	+ 27 1447	9.1	....	9	80.20	80.0	33 14.37	2	3.6977	-0.0116	0.011	+26 59 36.4	2	7.936	0.492	0.12	
2100	+ 23 1779	8.2	....	8-9	81.14	80.0	33 15.08	4	3.6069	-0.0100	0.010	+23 31 55.9	4	7.936	0.480	0.12	
2101	» »	»	8.2	8.5	81.20	81.0	33 15.09	2	»	»	»	+23 31 56.3	2	»	»	»	
2102	+ 78 270	8.0	9.0	8-9	81.66	81.0	33 24.24	2	9.1195	-0.2933	0.454	+78 31 35.5	2	7.949	1.218	0.24	
2103	» »	»	....	8.1	82.21	81.0	24.31	5	»	»	»	37.3	5	»	»	»	
2104	+ 52 1240	9.5	....	9.5	70.16	70.0	33 43.32	1	4.6748	-0.0352	0.035	+52 33 59.8	1	7.974	0.622	0.24	
2105	+ 21 1661	8.2	8.2	7.5	83.97	80.0	33 48.32	3	3.5612	-0.0093	0.009	+21 44 6.9	3	7.981	0.473	0.11	
2106	+ 65 592	7.3	7.6	7.1	74.5	74.0	33 59.28	3	5.7569	-0.0757	0.087	+65 27 13.6	3	7.996	0.766	0.41	
2107	» »	»	7.3	7.5	75.18	70.0	59.42	2	»	»	»	14.4	2	»	»	»	
2108	» »	»	....	7.9	74.7	74.0	59.45	4	»	»	»	14.4	4	»	»	»	
2109	... ..	...	....	10	70.17	70.0	34 4.03	1	4.6456	-0.0345	0.034	+52 4 32.4	1	8.002	0.618	0.24	
2110	+ 24 1740	8.2	8	8.2	65.17	65.0	34 27.99	2	3.6264	-0.0105	0.010	+24 20 29.3	2	8.034	0.481	0.13	
2111	+ 36 1670	8.4	....	8.5	75.04	75.0	34 30.52	2	3.9919	-0.0176	0.016	+36 54 0.3	2	8.037	0.530	0.16	
2112	+ 8 1848	8.3	....	Var.	80.17	80.0	34 33.21	4	3.2590	-0.0050	0.004	+ 8 40 7.0	4	8.041	0.432	0.09	
2113	+ 66 523	9.2	....	9.1	74.7	74.0	35 2.15	3	5.8232	-0.0796	0.089	+66 1 12.2	3	8.080	0.774	0.43	
2114	» »	»	9.2	9	75.17	70.0	2.15	2	»	»	»	11.8	2	»	»	»	
2115	+ 64 649	7.1	7.9	8.0	74.5	74.0	35 24.14	2	5.6187	-0.0708	0.077	+64 21 1.2	2	8.109	0.746	0.39	
2116	- 14 2112	8.5	8.5	9	73.23	70.0	35 38.65	5	2.7555	-0.0003	0.001	-14 31 46.0	5	8.128	0.364	0.06	
2117	+ 31 1655	9.4	....	9.4	74.06	74.0	35 56.50	1	3.8333	-0.0146	0.013	+31 55 29.3	1	8.152	0.507	0.14	
2118	+ 33 1572	9.0	....	9 0	73.1	73.0	36 14.16	..	3.8812	-0.0156	0.014	+33 31 51.5	..	8.176	0.513	0.14	
2119	+ 63 735	8.7	8.4	8.4	74.5	74.0	36 44.54	2	5.5055	-0.0671	0.071	+63 22 46.0	2	8.216	0.728	0.38	
2120	+ 32 1616	9.4	....	9.5	74 08	74.0	36 55.14	2	3.8335	-0.0147	0.013	+31 58 54.7	2	8.230	0.506	0.14	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
2081	111 173	Berlin, Knorre	B. D. 1800	9 <sup>s</sup> 8	22' 4	Scheinb. Aeq. 1869 Jan. 19 Red. — 0 <sup>s</sup> .790 + 8".57.  Berlin A. G. C. B. 3051, 38 <sup>s</sup> .74, 14".6; 6 <sup>m</sup> .1. E. B. — 0 <sup>s</sup> .0008 + 0".016 nach Berl. A. G. C. B. S. 211.
2082	73 375	Padua Lorenzoni	Brüssel Cat. 3212	13.59	53" 5	
2083	86 211	Berlin, Becker	Christiania A. G. C. 1228	39.17	42.5	
2084	73 291	Leiden, Kam	Pulkowa Cat. 1875.0, 1725	40.20	14.9	
2085	84 229	Berlin, Knorre	Göttingen Cat. I, 2577-8	51.58	14 3	
2086	94 307	Berlin, Tietjen	B. B. VI 1616	54.83	33.9	
2087	86 211	Berlin, Becker	Christiania A. G. C. 1232	32.92	28.1	
2088	69 70	Berlin, Romberg	Greenw. 10 Year Cat. 1310	38.72	13.3	
2089	85 11	Moskau, Gromadzki	Christiania A. G. C. 1234	53.70	26.7	
2090	84 242	Berlin, Tietjen	Leiden A. G. Z. 15 u. 259	54.26	39.1	
2091	69 70	Berlin, Romberg	Berlin A. G. C. B. 3054	4.79	24.2	24 Lyncis E. B. — 0 <sup>s</sup> .0057 — 0".059, nach Fund. Cat. [in A. N. von Romb. angebracht.  Cambr. (M.) A. G. C. 2928, 28 <sup>s</sup> .52, 40".0; 8 <sup>m</sup> .9.  A. N. 101 0 <sup>s</sup> .04 kleiner. A. N. 111, Declin. + 1° corrigirt.
2092	98 133	Pola, J. Palisa	Paris Cat, 9414	11.74	24.6	
2093	74 248	Königsberg, Lorek	Bonn A. G. C. 6136	13.55	4.4	
2094	100 264	Pulkowa, Romberg	Auwers Fund Cat. A. G. 399	25.27	0.0	
2095	67 25	Leiden, Kam u. van [Hennekeler	Kam 1315	26.61	0.2	
2096	69 70	Berlin, Romberg	Weisse, 914 B. Z. 352	26.51	58.7	
2097	72 115, 74 197	Berlin, Romberg	B. B. VI 1236	28.12	41.2	
2098	98 133	Pola, J. Palisa	B. D. 1925	52.3	5' 5	
2099	98 133	Pola, J. Palisa	Weisse, 945 B. Z. 341	14.50	36" 7	
2100	111 53 u. 222, 101 281	Hamburg, Schrader	Weisse, 950 B. Z. 339	15.20	53.0	
2101	102 297, 103 29	Berlin, Leman	Berlin A. G. C. B. 3060	15.09	56.1	Berlin A. G. C. B. 3065, 48 <sup>s</sup> .31, 7".5; 8 <sup>m</sup> .1. A. N. Dupl. bor. seq. Σ 1122. A. N. Dupl. bor. A. N. Dupl. bor. Siehe Noten. Berlin A. G. C. B. 3074, 27 <sup>s</sup> .98, 25".5; 8 <sup>m</sup> .1.
2102	102 297, 103 29	Berlin, Leman	Arg.-Oeltzen 8110	24.84	37.2	
2103	104 307	Strassburg, Schur	Kasan A. G. Z. Vol. I, p. 166, [170 u. 172	24.31	37.8	
2104	81 70	Berlin, Tietjen	B. D. 1240	41.9	33' 6	
2105	111 173	Berlin, Knorre	Yarnall 3182	48.35	8" 4	
2106	100 263	Pulkowa, Romberg	Struve Pos. med. Nr. 900	59.44	10.4	
2107	86 211	Berlin, Becker und [Knorre	[Dupl. med. Christiania A. G. C. 1240 med.	59.34	7.3	
2108	85 12	Moskau, Gromadzki	Pulk. Cat. 1875.0, 1736-7 [pr. u. seq.	59.19 59.38	59.3 74.2	
2109	81 70	Berlin, Tietjen	Leiden Meridian Beob.	2.76	31.1	
2110	69 70	Berlin, Romberg	B. B. VI 1740	28.02	25.1	
2111	86 109	Hamburg, Lindstedt	Lund A. G. Z. 115 u. 119	30.51	58.1	U Canis min. Baxendell's Var.  Dupl. seq. austr. Σ 1127.
2112	111 53	Hamburg Schrader	Chandler's Cat. Var. Stars [2735	33. .	39' 6	
2113	85 12	Moskau Gromadzki	Christiania A. G. C. 1245	2.20	11" 9	
2114	86 211	Berlin, Becker und [Knorre	Arg.-Oeltzen 8183	2.22	12.7	
2115	100 263	Pulkowa, Romberg	Helsingfors A. G. C. 5208	24.03	1.7	
2116	104 195	Leipzig, Engelmann	Schjellerup 2797	38.48	44.7	
2117	86 315	Leiden, E. Bakhuyzen	B. D 1655	56.5	55' 4	
2118	84 24	Washington	Leiden A. G. Z. 153 u. 259	14.15	49" 3	
2119	100 263	Pulkowa, Romberg	Helsingfors A. G. C. 5214	44.79	47.3	
2120	86 315	Leiden, E. Bakhuyzen	Pulkowa Cat. 1875.0, 1744	55.06	55.7	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
2121	+ 5° 1764	9.0	9.1	9.1	72.13	72.0	7h 37m 26s 80	3	+ 3s 1988	-0s 0044	-0s 003	+ 5° 56' 4" 9	3	8" 272	-0" 421	+ 0" 09
2122	+ 5 1767	9.2	9.1	9.2	72.20	72.0	37 56.73	1	3.1991	-0.0045	0.003	+ 5 57.1	..	8.312	0.421	0 09
2123	+ 27 1470	8.0	7.8	8	80.15	80.0	38 12.54	3	3.6925	-0.0122	0.010	+27 1 31.8	3	8.333	0.486	0.13
2124	+ 12 1663	9.4	9.4	9.4	74.03	70.0	38 34.94	2	3.3488	-0.0065	0.004	+12 49 12.6	2	8.363	0.440	0 10
2125	+ 23 1808	8.0	....	8	81.13	80.0	38 40.09	3	3.6093	-0.0107	0.009	+23 50 59.6	3	8.370	0.475	0.12
2126	» »	»	....	8.0	81.0	81.0	40.43	..	»	»	»	57.2	..	»	»	-
2127	+ 49 1673	7.5	....	8.9	70.17	70.0	38 57.35	2	4.5027	-0.0321	0.030	+49 40 27.0	2	8.392	0.593	0.23
2128	.....	...	9.5	...	75.18	70.0	39 7.34	2	5.6573	-0.0757	0.076	+64 50 49.1	2	8.406	0.745	0.42
2129	+ 60 1084	6.7	7.5	7	74.5	74.0	39 19.10	3	5.2299	-0.0576	0.055	+60 38 54.6	3	8.421	0.688	0.35
2130	» »	»	7.8	6.6	74.54	70.0	19.29	2	»	»	»	55.8	2	»	»	»
2131	.....	...	....	...	74.53	70.0	39 26.75	1	5.3121	-0.0610	0.058	+61 33 41.8	1	8.431	0.699	0 36
2132	+ 29 1606	9.0	....	9.0	75.14	75.0	39 29.92	1	3.7696	-0.0139	0.011	+29 53 41.9	1	8.435	0.495	0.14
2133	.....	...	....	...	75.16	80.0	39 44.99	1	5.6537	-0.0761	0.076	+64 50 39.6	1	8.455	0.744	0.42
2134	+ 30 1568	9.1	....	9.1	72.10	70.0	39 47.47	2	3.7774	-0.0141	0.011	+30 11 19.8	2	8.459	0.496	0.14
2135	+ 61 1002	9.5	10	9.5	74.70	70.0	40 5.54	2	5.3177	-0.0617	0.058	+61 39 11.5	2	8.483	0.699	0 36
2136	+ 64 655	8.5	8.5	7.9	74.53	70.0	40 8.79	2	5.5837	-0.0732	0.071	+64 15 4.7	2	8.487	0.734	0.40
2137	+ 31 1668	8.5	....	8.5	75.04	75.0	40 50.04	2	3.8053	-0.0148	-0.011	+31 13 5.0	2	8.541	0.498	0.14
2138	.....	...	....	6.0	77.17	75.0	40 55.42	3	2.2587	+0.0012	+0.001	-33 55 36.8	3	8.548	0.294	0.04
2139	+ 39 2012	9.2	....	9	?	77.0	41 1.38	1	4.0623	-0.0207	-0.017	+39 18 42.3	1	8.556	0.532	0.18
2140	+ 15 1665	8.9	8.9	8.9	83.96	80.0	41 21.06	2	3.4076	-0.0076	0.005	+15 30 38.7	2	8.583	0.445	0.11
2141	» »	»	....	...	79.05	78.0	21.38	2	»	»	»	43.3	2	»	»	»
2142	+ 27 1485	8.6	8	8	80.19	80.0	41 45.57	3	3.6890	-0.0126	0.010	+27 3 38.4	3	8.615	0.482	0.13
2143	+ 26 1655	9.0	9.0	9	80.89	75.0	41 58.65	4	3.6773	-0.0124	0.010	+26 37 48.7	5	8.632	0.480	0.13
2144	+ 43 1742	9.3	9.3	9.3	84.00	80.0	42 8.33	1	4.2012	-0.0246	0.020	+43 5 57.1	1	8.645	0.549	0.19
2145	» »	»	....	9.3	77.10	77.0	8.41	2	»	»	»	61.6	2	»	»	»
2146	+ 26 1656	7.0	7.0	7	80.81	75.0	42 9.61	5	3.6756	-0.0124	0.009	+26 34 28.5	5	8.646	0.480	0.13
2147	+ 26 1657	9.0	9.0	9	80.60	75.0	42 11.60	4	3.6740	-0.0124	0.009	+26 30 47.1	4	8.649	0.480	0.13
2148	+ 33 1597	9.3	9.3	9.3	74.08	70.0	42 12.93	3	3.8709	-0.0165	0.012	+33 30 41.9	3	8.651	0.505	0.16
2149	+ 12 1683	9.0	9	9.0	65.17	65.0	42 32.17	2	3.3432	-0.0067	0.004	+12 40 16.1	2	8.676	0.436	0.10
2150	+ 12 1684	8.8	9	8.8	65.65	65.0	42 39.20	2	3.3464	-0.0068	0.004	+12 49 1.4	2	8.685	0.436	0.10
2151	+ 15 1673	8.5	....	8.5	85.1	85.0	42 54.69	2	3.3951	-0.0075	0.004	+15 0 21.0	2	8.705	0.442	0 11
2152	+ 62 959	8.2	....	8.0	74.7	74.0	43 22.63	2	5.3795	-0.0667	0.060	+62 27 28.6	2	8.742	0.702	0 37
2153	+ 25 1774	9.5	....	9.5	73.85	70.0	43 24.71	3	3.6538	-0.0121	0.009	+25 47 58.0	3	8.745	0.476	0.13
2154	+ 59 1117	8.3	....	8.4	74.7	74.0	43 34.55	..	5.0948	-0.0549	-0.048	+59 15 37.6	..	8.759	0.665	0 33
2155	» »	»	8.4	...	74.5	74.0	34.92	2	»	»	»	44.2	2	»	»	»
2156	» »	»	....	...	74.7	74.0	35.05	2	»	»	»	44.8	2	»	»	»
2157	.....	...	....	8.4	77.22	75.0	43 37.30	3	2.5203	+0.0009	+0.001	-24 39 15.0	3	8.761	0.327	0 05
2158	.....	...	....	6.3	77.18	75.0	43 46.83	1	2.5218	+0.0009	+0.001	-24 36 3.0	1	8.774	0.327	0 05
2159	- 16 2146	5.0	....	5.7	72.16	72.0	44 2.39	2	2.7069	-0.0001	0.000	-16 54 41.5	2	8.794	0.351	0 06
2160	- 19 2089	6.4	....	6.7	71.17	71.0	44 33.94	1	2.6541	+0.0003	0.000	-19 12 35.0	1	8.835	0.343	0 06

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2121	81 365	Leipzig, Engelmann	B. D. 1764	25.9	55.7	
2122	81 365	Leipzig, Engelmann	B. D. 1767	56.4	56.5	Bloss A. R. scharf bestimmt.
2123	98 133	Pola, J. Palisa	Weisse, 1089 B. Z. 351	11.87	32.5	B. Z. — 10 <sup>s</sup> corrigirt nach E. Luther. Siehe Noten.
2124	84 229	Berlin, Knorre	B. D. 1663	33.1	49.2	
2125	111 53	Hamburg, Schrader	Weisse, 1095 B. Z. 339	40.33	57.1	Berlin A. G. C. B. 3110, 40 <sup>s</sup> .15, 59".2; 8 <sup>m</sup> .4.
2126	101 281	Kremsmünster	Armagh Cat. II 922	40.10	57.0	Siehe Noten.
2127	81 70	Berlin, Tietjen	Arg.-Oeltzen 8272	57.34	26.7	Bonn A. G. C. 6211, 57 <sup>s</sup> .29, 25".2; 7 <sup>m</sup> .9.
2128	86 211	Berl., Becker u. Knorre	Leiden, mikrom. Anschluss	5.7	49.2	Siehe Noten.
2129	100 263	Pulkowa, Romberg	Arg.-Oeltzen 8268	19.30	57.5	
2130	86 211, 89 38	Berlin, Becker	Helsingfors A. G. C. 5232	19.20	55.5	
2131	86 211	Berlin, Becker	Leiden mikrom. Anschluss	29.6	34.3	Siehe Noten.
2132	86 109	Hamburg, Lindstedt	Leiden A. G. Z. 269 u. 365	30.10	42.7	
2133	88 19	Berlin, Knorre	Leiden mikrom. Anschluss	45.8	49.1	Siehe Noten.
2134	81 70	Berlin, Tietjen	B. D. 1568	47.6	10.7	
2135	86 211	Berlin, Becker	B. D. 1002	7	39.5	
2136	86 211	Berlin, Becker	Helsingfors A. G. C. 5237	9.10	4.3	
2137	86 109	Hamburg, Lindstedt	Leiden A. G. Z. 147 u. 254	50.11	6.0	
2138	91 213	Pola, J. Palisa	Cordoba G. C. 10120	55.46	37.2	E. B. { — 0 <sup>s</sup> .021, + 1".66 nach Porter Prop. Mot. 440.
2139	89 216	Marseille, Stephan	Weisse, 1144 B. Z. 452	1.10	45.4	— 0.0261, + 1.686 » Stumpe A. N. 125, 403.
2140	111 173	Berlin, Knorre	B. B. VI 1665	21.27	40.3	Lund A. G. Z. 166 u. 170, 1 <sup>s</sup> .33, 43".7; 9 <sup>m</sup> .2.
2141	94 285	Kremsmünster	.....	.....	.....	
2142	98 133	Pola, J. Palisa	Weisse, 1172, B. Z. 341	45.27	38.7	
2143	110 291	Leiden, E. Bakhuyzen, [Stieltjes, Wilterdink]	Weisse, 1176, B. Z. 341	58.65	50.9	
2144	111 173	Berlin, Knorre	B. B. VI 1742	8.06	55.3	
2145	94 291	Kremsmünster	Bonn A. G. C. 6241	8.30	0.2	
2146	110 291	Leiden, E. Bakhuyzen, [Stieltjes, Wilterdink]	Weisse, 1183, B. Z. 341	9.70	27.2	
2147	110 291	» »	Weisse, 1186 B. Z. 341	11.57	44.9	
2148	84 229	Berlin, Knorre	B. D. 1597	11.1	30.4	
2149	69 70	Berlin, Romberg	B. D. 1683	32.2	40.1	
2150	69 70	Berlin, Romberg	B. D. 1684	38.4	48.6	
2151	112 393	Cap.	B. D. 1673	55.2	0.7	
2152	85 12	Moskau, Gromadzki	Helsingfors A. G. C. 5257	22.62	28.6	
2153	84 242	Berlin, Tietjen	B. D. 1774	24.5	47.6	
2154	85 7	Kremsmünster	Helsingfors A. G. C. 5261	35.14	44.4	
2155	100 263	Pulkowa, Romberg	Kam 1327	34.75	44.9	
2156	85 12	Moskau, Gromadzki	.....	.....	.....	
2157	91 213	Pola, J. Palisa	Cordoba G. C. 10208	37.30	14.8	E. B. { + 0 <sup>s</sup> .016 — 0".28 nach Porter Cat. Pr. Mot. 441.
2158	91 213	Pola, J. Palisa	Cordoba G. C. 10215	46.78	4.5	+ 0.0167 — 0.271 » Paris Cat. 9589.
2159	81 153	Leiden, Valentiner	Cordoba G. C. 10226	2.48	41.1	A. N. — 1 <sup>s</sup> und + 41".1 corrigirt. Siehe Noten.
2160	79 137	Leiden, Becker	Cordoba C. C. 10244	34.04	32.9	Pulk. Cat. 1875.0 1770, 2 <sup>s</sup> .43, 42".1; 5 <sup>m</sup> .0. E. B. Pulk. [+ 0 <sup>s</sup> .0045, — 0".108, Paris 9598, + 0 <sup>s</sup> .0048 — 0" 109.

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
1800 +																
2161	— 19°2089	6.4	....	7	72.17	72.0	7h 44m 34s 10	1	+ 28.6541	+ 0.0003	0.000	— 19°12' 35" 2	1	8" 835	— 0" 343	+ 0" 06
2162	+ 32 1634	8.9	8.9	...	69.24	69.0	44 38.50	2	3.8315	— 0.0160	— 0.012	+ 32 19 25.4	2	8.842	0.498	0.16
2163	» »	»	....	...	70.23	70.0	38.60	2	»	»	»	24.7	2	»	»	»
2164	+ 27 1555	9.5	....	...	80.20	80.0	44 58.06	2	3.6833	— 0.0129	0.009	+ 27 0 8.0	2	8.867	0.478	0.14
2165	+ 24 1793	9.4	....	9.4	73.85	70.0	45 8.20	2	3.6152	— 0.0116	0.009	+ 24 22 10.4	2	8.880	0.469	0.14
2166	+ 41 1742	8.4	9	8.2	80.10	80.0	45 14.35	2	4.1267	— 0.0234	0.017	+ 41 20 35.8	2	8.888	0.536	0.10
2167	+ 32 1637	8.3	....	8.3	70.1	70.0	45 16.89	3	3.8363	— 0.0162	0.012	+ 32 31 23.2	3	8.892	0.498	0.16
2168	+ 54 1180	9.4	9.4	9.4	74.6	74.0	45 22.25	3	4.7510	— 0.0428	0.035	+ 54 29 6.4	3	8.899	0.617	0.28
2169	+ 3 1824	7.5	....	6.3	70.16	70.0	45 33.71	2	3.1476	— 0.0042	0.003	+ 3 35 54.3	2	8.914	0.407	0.10
2170	+ 27 1499	5.0	....	5	77.24	75.0	45 50.64	1	3.6844	— 0.0131	0.009	+ 27 5 13.2	1	8.936	0.477	0.14
2171	+ 26 1668	8.0	7.8	8	74.03	70.0	46 5.60	2	3.6789	— 0.0130	0.009	+ 26 53 29.5	2	8.955	0.476	0.14
2172	— 20 2235	5.6	....	6.2	72.19	72.0	46 16.53	1	2.6167	+ 0.0005	0.000	— 20 51 25.7	1	8.970	0.338	0.06
2173	+ 32 1642	9.3	....	9.3	70.10	70.0	46 16.65	2	3.8251	— 0.0162	0.011	+ 32 11 46.7	2	8.970	0.495	0.16
2174	+ 38 1834	8.3	....	8.3	80.19	80.0	46 19.04	3	4.0207	— 0.0208	0.017	+ 38 25 25.1	3	8.973	0.520	0.15
2175	— 14 2250	6.3	....	6.1	72.10	72.0	46 33.67	1	2.7626	— 0.0004	0.000	— 14 31 34.0	1	8.992	0.356	0.06
2176	+ 50 1489	8.4	....	8.9	77.13	77.0	46 43.06	3	4.5407	— 0.0362	0.028	+ 50 52 15.6	3	9.004	0.588	0.24
2177	+ 56 1255	8.5	8.2	8.3	74.5	74.0	46 50.06	2	4.8654	— 0.0478	0.038	+ 56 20 6.1	2	9.014	0.630	0.29
2178	» »	»	8.5	...	74.54	70.0	50.17	2	»	»	»	3.4	2	»	»	»
2179	» »	»	....	...	74.7	74.0	50.22	3	»	»	»	6.9	3	»	»	»
2180	+ 31 1692	9.5	9.5	9.5	83.96	80.0	46 56.02	2	3.8018	— 0.0157	0.011	+ 31 25 29.9	2	9.021	0.491	0.15
2181	+ 25 1788	8.8	....	8.8	70.12	70.0	47 2.95	3	3.6426	— 0.0124	0.008	+ 25 32 14.3	3	9.030	0.470	0.14
2182	+ 27 1501	8.8	9.0	9	84.00	80.0	47 28.53	2	3.6906	— 0.0134	0.009	+ 27 24 17.3	2	9.063	0.476	0.14
2183	+ 38 1839	8.6	8.9	8.5	80.10	80.0	47 30.28	2	4.0167	— 0.0210	0.015	+ 38 22 46.2	2	9.066	0.519	0.15
2184	.....	...	10	...	74.03	70.0	47 52.86	2	3.6745	— 0.0131	0.009	+ 26 48 55.7	2	9.095	0.474	0.14
2185	.....	...	....	...	82.8	82.0	47 58.63	..	3.1142	— 0.0039	0.002	+ 2 0 57.9	..	9.103	0.401	0.09
2186	+ 41 1755	8.2	....	...	75.12	75.0	48 21.26	3	4.1213	— 0.0240	0.016	+ 41 23 32.3	3	9.132	0.531	0.19
2187	+ 32 1648	7.2	8.3	7.2	69.24	69.0	48 28.55	2	3.8165	— 0.0163	0.011	+ 32 1 26.9	2	9.142	0.492	0.16
2188	» »	»	....	8	70.2	70.0	28.67	3	»	»	»	28.5	3	»	»	»
2189	» »	»	....	...	70.25	70.0	28.69	2	»	»	»	26.8	2	»	»	»
2190	+ 13 1796	9.2	....	9.2	72.17	72.0	48 41.34	2	3.3468	— 0.0072	0.004	+ 12 59 48.3	2	9.158	0.430	0.12
2191	+ 45 1511	8.6	....	9	75.04	75.0	48 43.01	2	4.2606	— 0.0281	0.020	+ 44 58 37.3	2	9.160	0.549	0.21
2192	+ 50 1494	8.5	9.0	9	74.6	74.0	48 50.04	2	4.4993	— 0.0356	0.025	+ 50 11 59.7	2	9.169	0.580	0.24
2193	+ 43 1751	8.5	8.5	8	84.00	80.0	49 17.77	1	4.1932	— 0.0263	0.018	+ 43 20 33.2	1	9.205	0.539	0.20
2194	» »	»	....	8.6	79.05	77.0	17.78	2	»	»	»	32.4	2	»	»	»
2195	+ 33 1620	9.4	9.4	9.4	74.11	70.0	49 18.21	1	3.8527	— 0.0173	0.012	+ 33 18 34.6	1	9.206	0.495	0.16
2196	+ 46 1337	9.1	....	9	65.22	65.0	49 20.81	2	4.3358	— 0.0305	0.021	+ 46 46 21.6	2	9.209	0.558	0.23
2197	+ 33 1621	9.4	9.4	9.4	74.09	70.0	49 27.06	2	3.8520	— 0.0173	0.012	+ 33 17 31.7	2	9.217	0.495	0.16
2198	+ 54 1186	9.0	9.1	8.9	74.6	74.0	49 50.47	2	4.7461	— 0.0447	0.032	+ 54 40 24.0	2	9.248	0.615	0.20
2199	— 15 2133	7.1	....	7.7	71.12	71.0	49 53.19	2	2.7489	— 0.0003	0.000	— 15 14 57.8	2	9.251	0.352	0.07
2200	+ 33 1623	8.0	8	8.0	74.09	70.0	49 58.64	3	3.8505	— 0.0173	0.012	+ 33 16 26.5	3	9.258	0.494	0.16



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2161	81 153	Leiden, Valentiner	Paris Cat, 9611	34 <sup>s</sup> 05	34 <sup>m</sup> 6	Derselbe Stern wie Nr. 2160.
2162	76 44	Leipzig, Engelmann	Leiden A. G. Z. 285 u. 405	38.81	23.7	
2163	76 317	Leiden, Valentiner	A.N. 74, 325 mikr. Anschluss	38.71	20.3	Weisse, 1237 B. Z. 401, 39 <sup>s</sup> .06, 22 <sup>m</sup> .2; 9 <sup>m</sup> .
2164	98 133	Pola, J. Palisa	A.N. 85, 292 mikr. Anschluss	57.73	7.2	
2165	84 242	Berlin, Tietjen	B. D. 1793	8.3	22' 0	
2166	98 133	Pola, J. Palisa	Bonn A. G. C. 6265	14.33	35 <sup>m</sup> 7	
2167	76 53	Königsberg, Lorek	Leiden A. G. Z. 16 u. 153	16.79	19.2	
2168	100 264	Pulkowa, Romberg	B. D. 1180	22.4	29' 1	
2169	81 70	Berlin, Tietjen	Albany A. G. C. 3065	33.79	53 <sup>m</sup> 5	
2170	91 213	Pola, J. Palisa	Paris Cat, 9637	50.50	14.0	A. N. — 2 <sup>m</sup> corrigirt. Siehe Noten.
2171	84 229, 85 106	Berlin, Knorre	Paris Cat, 9643	5.81	30.9	
2172	81 153	Leiden, Valentiner	Cordoba G. C. 10298	16.38	21.0	Cincinnati Zones 1392, 16 <sup>s</sup> 21, 22 <sup>m</sup> 3; 6 <sup>m</sup> .
2173	81 70	Berlin, Tietjen	B. D. 1642	12.6	11' 6	
2174	98 133	Pola, J. Palisa	Lund A. G. Z. 166 u. 170	19.15	25 <sup>m</sup> 7	
2175	82 13	Neuenburg, Becker	Cordoba G. C. 10303	33.71	34.2	{ Cambr. (M.) A. G. C. 2987, 43 <sup>s</sup> .04, 18 <sup>m</sup> .6; 8 <sup>m</sup> .8. E. B. + 0 <sup>s</sup> .0141 — 0 <sup>m</sup> .166 nach Stumpe A. N. 125, 403. » + 0.0174 — 0.092 » Cambr. A. G. C.
2176	94 291	Berlin, Tietjen	Arg.-Oeltzen 8405	42.50	21.8	
2177	100 264	Pulkowa, Romberg	Helsingfors A. G. C. 5294	50.43	7.4	
2178	86 211	Berlin, Becker	.....	.....	.....	
2179	85 12 u. 305	Moskau, Gromadzki	.....	.....	.....	
2180	111 173	Berlin, Knorre	B. B. VI 1692	55.79	28.3	
2181	76 317	Leiden, Valentiner	B. D. 1788	2.0	31' 0	
2182	111 173	Berlin, Knorre	Weisse, 1323 B. Z. 351	27.72	14 <sup>m</sup> 7	Siehe Noten.
2183	98 133	Pola, J. Palisa	Lund A. G. Z. 154 u. 158	30.36	47.8	
2184	84 229	Berlin, Knorre	Leiden mikrom. Anschluss	53.7	49' 2	Siehe Noten.
2185	104 63	Washington	Leiden mikrom. Anschluss	58.2	1.0	Siehe Noten.
2186	89 21, 107 57	Leiden, Haga	B. B. VI 1755	21.14	32 <sup>m</sup> 9	Bonn A. G. C. 6299, 21 <sup>s</sup> .17, 33 <sup>m</sup> .3; 8 <sup>m</sup> .5.
2187	76 43	Leipzig, Engelmann	Leiden A. G. Z. 16, 269 u. 363	28.71	26.0	
2188	76 53	Königsberg, Lorek	Weisse, 1342 B. Z. 401	28.86	23.8	
2189	76 317	Leiden, Valentiner	.....	.....	.....	
2190	81 153	Leiden, Valentiner	B. D. 1796	41.1	59' 9	
2191	86 109	Hamburg, Lindstedt	Weisse, 1335 B. Z. 489	43.26	39 <sup>m</sup> 4	Bonn A. G. C. 6302, 42 <sup>s</sup> .93, 36 <sup>m</sup> .4; 8 <sup>m</sup> .9.
2192	100 264	Pulkowa, Romberg	Arg.-Oeltzen 8432	50.12	1.9	Cambridge (M.) A. G. C. 2994, 50 <sup>s</sup> .13, 0 <sup>m</sup> .7; 8 <sup>m</sup> .7.
2193	111 173	Berlin, Knorre	Weisse, 1350 B. Z. 489	17.85	30.4	
2194	94 291	Kremsmünster	Bonn A. G. C. 6307	17.67	34.7	
2195	84 229	Berlin, Knorre	B. B. VI 1620	17.77	35 9	
2196	69 70	Berlin, Romberg	Arg.-Oeltzen 8444	20.74	19.0	Bonn A. G. C. 6308, 20 <sup>s</sup> .60, 19 <sup>m</sup> .8; 9 <sup>m</sup> .2.
2197	84 231	Berlin, Knorre	B. D. 1621	26.7	17' 7	A. N. + 2 <sup>o</sup> corrigirt cf. Publ. XVIII der A. G.
2198	100 264	Pulkowa, Romberg	Cambridge (M.) A. G. C. 2999	50.64	26 <sup>m</sup> 2	A. N. Declin. — 10' corrigirt, siehe Noten.
2199	79 137	Leiden, Becker	Schjellerup 2890	53.36	56.2	
2200	84 231	Berlin, Knorre	Leiden A. G. Z. 153 u. 259	58.65	26.9	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
2201	+ 25° 1799	9.5	....	9.5	70.17	70.0	7 <sup>h</sup> 50 <sup>m</sup> 31 <sup>s</sup> 72	1	+ 386276	-0.0125	-0.008	+25° 7' 19" 8	1	9" 301	-0" 465	+ 0" 13
2202	+ 15 1711	9.3	....	9.3	77.17	77.0	50 38.37	2	3.4026	-0.0083	0.004	+15 35 11.4	2	9.310	0.435	0.12
2203	+ 25 1801	9.4	....	9.4	70.18	70.0	50 46.73	2	3.6359	-0.0127	0.008	+25 27 42.8	2	9.320	0.466	0.13
2204	- 16 2206	7.0	....	...	72.17	72.0	50 59.54	1	2.7285	-0.0002	0.000	-16 11 54.7	1	9.337	0.348	0.07
2205	" "	"	....	7-8	71.17	71.0	59.56	1	"	"	"	54.4	1	"	"	"
2206	+ 60 1105	6.1	....	6.0	74.5	74.0	51 0.76	3	5.1774	-0.0630	0.046	+60 39 48.6	3	9.339	0.664	0.35
2207	" "	"	....	6.1	73.27	73.0	0.79	1	"	"	"	48.1	1	"	"	"
2208	+ 19 1887	9.5	....	...	73.84	70.0	51 10.11	2	3.4968	-0.0100	0.006	+19 44 47.3	2	9.351	0.447	0.13
2209	+ 62 968	9.3	....	9.3	75.18	75.0	51 13.31	2	5.3794	-0.0724	0.054	+62 51 41.9	2	9.355	0.690	0.40
2210	.....	...	10-11	...	70.16	70.0	52 15.51	2	3.6253	-0.0127	0.008	+25 7 0.7	2	9.434	0.463	0.13
2211	+ 14 1796	9.5	....	9.5	79.10	77.0	52 25.38	2	3.3777	-0.0080	0.004	+14 31 0.2	2	9.447	0.430	0.12
2212	+ 38 1850	9.4	9.4	...	84.00	80.0	52 34.54	1	4.0047	-0.0218	0.015	+38 20 29.9	1	9.459	0.511	0.19
2213	+ 52 1269	9.4	9.4	...	82.22	81.0	52 34.71	1	4.5831	-0.0400	0.027	+52 2 12.3	1	9.460	0.585	0.25
2214	+ 25 1807	9.4	9-10	9.4	86.23	86.0	52 46.19	2	3.6251	-0.0127	0.008	+25 8 4.1	2	9.474	0.462	0.13
2215	+ 14 1800	9.5	....	9.5	77.23	77.0	52 51.23	1	3.3770	-0.0080	0.004	+14 30 12.9	1	9.481	0.430	0.13
2216	+ 19 1896	7.0	....	7	71.27	71.0	53 18.18	2	3.4817	-0.0099	0.006	+19 10 59.6	2	9.515	0.443	0.13
2217	+ 25 1812	6.5	6	6	76.94	76.0	53 21.89	3	3.6394	-0.0131	0.008	+25 43 59.3	3	9.520	0.463	0.13
2218	.....	...	10	10.5	78.09	75.0	53 30.00	2	4.0167	-0.0223	0.015	+38 45 33.8	2	9.531	0.511	0.16
2219	+ 14 1806	9.5	....	9.5	85.1	85.0	54 17.72	3	3.3804	-0.0082	0.004	+14 42 14.5	3	9.592	0.429	0.13
2220	+ 20 1982	8.1	8.3	7-8	73.23	73.0	54 48.15	2	3.5010	-0.0105	0.006	+20 4 56.1	2	9.631	0.444	0.14
2221	+ 27 1526	9.3	9.3	9.3	74.11	70.0	54 58.94	2	3.6809	-0.0143	0.008	+27 26 29.9	2	9.644	0.466	0.13
2222	+ 15 1732	9.3	....	9	77.17	77.0	55 3.33	2	3.4020	-0.0086	0.004	+15 43 52.3	2	9.650	0.431	0.13
2223	+ 50 1505	8.0	....	7-8	68.6	68.0	55 25.77	2	4.4972	-0.0380	0.023	+50 35 12.9	2	9.678	0.570	0.26
2224	+ 28 1529	8.2	....	7-8	70.10	70.0	55 31.21	2	3.7020	-0.0148	0.009	+28 16 39.0	2	9.686	0.469	0.16
2225	+ 63 754	9.0	....	9.0	75.18	75.0	55 55.55	2	5.3947	-0.0768	0.051	+63 16 14.5	2	9.717	0.684	0.41
2226	+ 14 1813	7.7	....	7.9	73.84	70.0	56 33.14	2	3.3729	-0.0082	0.004	+14 26 19.1	2	9.765	0.425	0.13
2227	+ 24 1840	8.0	....	9	81.13	80.0	56 38.48	3	3.6131	-0.0130	0.008	+24 51 27.1	3	9.772	0.456	0.13
2228	" "	"	8	9	81.20	81.0	38.58	2	"	"	"	24.2	3	"	"	"
2229	" "	"	8.1	7.8	86.24	86.0	38.60	2	"	"	"	26.6	2	"	"	"
2230	+ 14 1815	9.1	....	9	77.22	77.0	56 55.60	2	3.3830	-0.0084	0.004	+14 54 57.9	2	9.793	0.426	0.13
2231	+ 26 1713	8.2	8	8	80.48	75.0	57 58.75	4	3.6516	-0.0140	-0.008	+26 28 7.8	4	9.875	0.459	0.16
2232	.....	...	....	6.6	75.1	75.0	58 11.35	3	2.3422	+0.0015	+0.002	-32 6 50.1	3	9.890	0.293	0.05
2233	.....	...	6½	6.7	61.1	74.0	11.56	2	"	"	"	51.9	2	"	"	"
2234	+ 34 1742	9.5	9	9.5	80.10	80.0	58 16.55	2	3.8709	-0.0194	-0.011	+34 28 56.6	2	9.896	0.487	0.18
2235	+ 30 1640	9.2	9.0	9.3	83.96	80.0	58 19.52	2	3.7471	-0.0163	0.008	+30 7 49.7	2	9.900	0.471	0.17
2236	+ 26 1716	9.0	9	9.0	80.41	75.0	58 23.76	5	3.6568	-0.0142	0.007	+26 41 43.0	5	9.905	0.459	0.13
2237	+ 60 1111	9.1	...	8.7	73.40	73.0	58 25.00	2	5.1425	-0.0663	0.041	+60 41 9.3	2	9.907	0.648	0.38
2238	+ 26 1717	9.0	9	9.0	81.03	75.0	58 37.90	3	3.6537	-0.0141	0.007	+26 35 15.3	4	9.923	0.459	0.13
2239	- 6 2440	8.3	...	8.5	71.11	71.0	58 38.80	2	2.9326	-0.0020	0.000	- 6 51 21.2	2	9.924	0.367	0.09
2240	+ 19 1921	9.5	9.5	9.5	75.18	80.0	58 39.66	2	3.4787	-0.0104	-0.005	+19 16 52.9	2	9.925	0.436	0.14

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2201	76 317	Leiden, Valentiner	B. D. 1799	30 <sup>s</sup> 6	6' 5	
2202	94 293	Berlin, Tietjen	B. D. 1711	38.5	35.2	
2203	76 317 u. 245	Leiden, Valentiner	B. B. VI 1801	46.82	43" 5	
2204	81 153	Leiden, Valentiner	B. B. VI p. 346 Nr. 174	59.80	55.2	
2205	79 137	Leiden, Becker	Radcliffe Cat. 1890.0, 2025	59.45	54.9	
2206	100 264	Pulkowa, Romberg	Auwers Fund. Cat. A. G. 403	1.06	48.4	53 Camelop. E. B. — 0 <sup>s</sup> .0008, — 0".028, nach F. C.
2207	85 198	Leiden, E. Bakhuyzen	Pulk. Cat. 1875.0, 1788	0.91	48.3	E. B. an Pulk. angebracht.
2208	84 242	Berlin, Tietjen	A. N. 83, 40, mikr. Anschluss	9.97	49.3	
2209	89 21, 107 57	Leiden, Haga	B. D. 968	12	51' 7	
2210	76 317	Leiden, Valentiner	.....	.....	.....	Siehe Noten.
2211	94 293	Kremsmünster	Küstner 265	25.10	59" 6	A. N. Declin. — 10" corrigirt. Siehe Noten.
2212	111 173	Berlin, Knorre	A. N. 94, 283 mikr. Anschluss	34.63	32.3	Siehe Noten.
2213	108 184	Pulkowa, Romberg	Rümker 2354	34.14	13.8	Cambr. (M.) A. G. C. 3014, 34 <sup>s</sup> .83, 11" 4; 9 <sup>m</sup> .6.
2214	Publ. XVIII der A. G. p. 48	Pulkowa, Romberg	B. D. 1807	45.2	6' 2	E. B. + 0 <sup>s</sup> .016 ..... nach Cambr. A. G. C.
2215	94 307	Berlin, Tietjen	B. D. 1800	51.8	31.0	Controlestern.
2216	79 137	Leiden, Valentiner	Paris Cat. 9801	18.23	59" 5	Siehe Noten.
2217	90 203	Leipzig	Paris Cat. 9803	22.01	59.3	
2218	92 371	Pola, J. Palisa	Leiden mikrom. Anschluss	28.8	45' 5	Siehe Noten.
2219	112 393	Cap	B. D. 1806	20.6	41.7	
2220	84 178	Leipzig, Engelmann	Paris Cat. 9832	48.07	54' 5	Berlin A. G. C. B. 3223, 48 <sup>s</sup> 09, 54" 6; 7 <sup>m</sup> .9.
2221	84 231	Berlin, Knorre	B. D. 1526	56.5	25' 9	
2222	94 293	Berlin, Tietjen	Weisse, 1500 B. Z. 273	3.13	49" 8	
2223	72 115, 74 197	Berlin, Romberg	Arg.-Oeltzen 8543-4	25.87	12.7	Cambridge (M.) A. G. C. 3029, 25 <sup>s</sup> .69, 13" 8; 8 <sup>m</sup> .0. S. Noten.
2224	81 70	Berlin, Tietjen	Paris Cat. 9843	31.42	39.2	
2225	89 21, 107 57	Leiden, Haga	Helsingfors A. G. C. 5368	55.56	15.4	
2226	84 242	Berlin, Tietjen	B. B. VI 1813	33.21	22.4	
2227	111 53	Hamburg, Schrader	Greenw. 6 Year Cat. 589	38.63	27.1	A. N. — 1 <sup>m</sup> corrigirt cf. Publ. XVIII der A. G. S. Noten.
2228	102 297, 111 222	Berlin, Leman	Paris Cat. 9861	38.61	26.6	
2229	Public. XVIII der A. G.	Pulkowa, Romberg	Berlin A. G. C. B. 3238	38.53	26.8	Controlestern.
2230	94 293	Berlin, Tietjen	Weisse, 1546 B. Z. 273	55.58	4.8	
2231	110 291	Leiden, Stieltjes und [Wilterdink]	Weisse, 1570 B. Z. 341	58.70	6.5	
2232	86 119	Melbourne	Cordoba G. C. 10661	11.56	50.4	
2233	84 342	Sydney	Cape Cat. Stone 1880.0, 4082	11.38	51.0	
2234	98 133	Pola, J. Palisa	B. D. 1742	19.7	29' 3	
2235	111 173	Berlin, Knorre	B. B. VI 1640	19.91	46" 2	
2236	110 291	Leiden, E. Bakhuyzen [Stieltjes u. Wilterd.	B. B. VI 1716	23.59	41.4	
2237	85 198	Leiden, Bakh., Valent.	Helsingfors A. G. C. 5386	25.39	8.3	
2238	110 291	Leiden, E. Bakhuyzen [Stieltjes u. Wilterd.	B. D. 1717	37.7	35' 3	
2239	79 137	Leiden, Becker	Schjellerup 2949	38.87	21" 4	
2240	88 19	Berlin, Becker und [Knorre]	B. D. 1921	38.3	18' 1	

NUM- MER.	NUMMER	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
	der nördl. u. südl. Bonner- Durchmus- terung.	NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied.
					1800 +											
2241	+ 19° 1923	9.5	9.5	9.5	75.20	80.0	7h 58m 43s 93	1	+ 3s 4804	—0s 0104	—0s 005	+19° 21' 48" 5	1	9" 931	—0" 437	+ 0" 14
2242	+ 50 1511	7.1	....	8	68.6	68.0	58 46.02	2	4.4808	—0.0387	0.022	+50 29 37.5	2	9.933	0.564	0.26
2243	+ 49 1705	7.6	....	8	69.0	68.0	58 57.15	3	4.4372	—0.0372	0.022	+49 37 5.7	3	9.947	0.557	0.27
2244	+ 51 1391	5.1	....	4.6	74.6	74.0	59 2.72	8	4.5505	—0.0414	0.022	+51 51 51.9	8	9.955	0.572	0.27
2245	+ 4 1901	9.5	9.5	9.5	74.12	70.0	59 3.04	3	3.1574	—0.0049	0.002	+ 4 11 44.1	3	9.955	0.395	0.11
2246	+ 14 1822	8.8	....	8.8	85.1	85.0	59 6.54	2	3.3746	—0.0085	0.004	+14 36 21.1	2	9.960	0.423	0.13
2247	+ 40 1994	8.8	8.8	9	84.00	80.0	59 11.88	1	4.0469	—0.0245	0.013	+40 1 54.0	1	9.967	0.508	0.22
2248	» »	»	....	8.8	79.05	77.0	12.28	2	»	»	»	58.5	2	»	»	»
2249	+ 57 1123	8.5	9.0	8.6	73.70	73.0	8 0 15.23	2	4.9169	—0.0570	0.033	+57 54 4.6	2	10.046	0.616	0.34
2250	+ 19 1932	9.4	9.5	9.4	75.20	80.0	0 18.68	2	3.4753	—0.0105	0.005	+19 12 34.4	2	10.051	0.434	0.14
2251	+ 57 1124	9.1	9.5	9.0	73.71	73.0	0 21.26	1	4.9111	—0.0568	0.032	+57 49 35.5	1	10.054	0.616	0.34
2252	+ 18 1847	9.5	9.5	9.5	84.00	80.0	0 27.70	2	3.4615	—0.0102	0.005	+18 36 6.5	2	10.062	0.432	0.14
2253	... ..	...	10	...	77.23	75.0	0 40.33	1	3.6317	—0.0139	0.007	+25 49 33.4	1	10.078	0.453	0.15
2254	+ 27 1544	7.0	....	7.5	69.2	68.0	1 10.75	2	3.6821	—0.0151	0.008	+27 50 32.1	2	10.116	0.459	0.16
2255	+ 39 2062	9.0	....	8.9	?	77.0	1 29.57	1	4.0213	—0.0243	0.013	+39 26 55.9	1	10.140	0.502	0.20
2256	.....	...	10	...	80.10	80.0	1 40.76	2	3.4737	—0.0106	0.005	+19 11 56.2	2	10.154	0.432	0.14
2257	— 3 2217	8.2	....	8-9	72.19	72.0	1 44.95	1	2.9915	—0.0027	0.000	— 4 0 32.0	1	10.159	0.372	0.09
2258	+ 20 2012	9.0	9	9	65.11	65.0	2 2.66	2	3.5025	—0.0112	0.005	+20 28 56.3	2	10.182	0.436	0.14
2259	+ 19 1940	9.5	9.5	9.5	75.15	80.0	2 48.87	2	3.4713	—0.0106	0.005	+19 8 33.5	2	10.240	0.431	0.14
2260	+ 14 1839	7.9	....	7-9	85.1	85.0	3 5.74	...	3.3774	—0.0088	0.004	+14 52 35.8	...	10.261	0.419	0.13
2261	+ 4 1920	9.2	....	9.2	77.2	77.0	3 7.76	1	3.1520	—0.0050	0.002	+ 3 58 29.4	1	10.263	0.390	0.11
2262	+ 19 1948	9.2	....	9	72.05	71.0	4 7.41	1	3.4810	—0.0110	0.005	+19 38 14.1	1	10.338	0.431	0.14
2263	+ 25 1872	8.7	....	8-9	?	77.0	4 33.16	1	3.6192	—0.0141	0.007	+25 33 2.1	1	10.370	0.447	0.15
2264	+ 11 1777	8.7	8.9	9	86.23	86.0	4 43.30	2	3.3109	—0.0077	0.003	+11 47 12.1	2	10.383	0.409	0.12
2265	» »	»	....	...	73.25	70.0	43.48	2	»	»	»	8.9	2	»	»	»
2266	+ 16 1658	8.3	....	8.3	72.0	77.0	4 43.60	...	3.4103	—0.0096	0.004	+16 28 2.3	...	10.383	0.421	0.13
2267	+ 60 1117	8.3	....	8.0	73.52	73.0	4 50.20	2	5.0845	—0.0677	0.034	+60 23 34.4	2	10.391	0.630	0.38
2268	— 1 1976	8.0	....	8.0	71.17	71.0	4 52.46	1	3.0484	—0.0035	0.001	— 1 11 48.1	1	10.394	0.376	0.10
2269	» »	»	....	8-9	72.16	72.0	52.53	1	»	»	»	48.6	1	»	»	»
2270	— 2 2471	9.0	....	9.3	72.17	72.0	4 56.38	1	3.0202	—0.0032	0.001	— 2 36 17.8	1	10.399	0.372	0.10
2271	+ 60 1119	6.8	....	6.6	73.27	73.0	5 17.18	1	5.1121	—0.0693	0.034	+60 45 20.3	1	10.425	0.632	0.35
2272	+ 27 1558	9.2	9.2	...	69.1	68.0	5 24.32	2	3.6665	—0.0153	0.007	+27 29 37.9	2	10.434	0.452	0.16
2273	+ 23 1913	6.5	7.0	6.5	83.98	80.0	6 17.12	3	3.5678	—0.0131	0.006	+23 30 42.7	3	10.500	0.439	0.15
2274	+ 16 1665	8.8	....	9	77.15	77.0	6 22.46	2	3.4161	—0.0098	0.004	+16 48 14.0	2	10.506	0.420	0.13
2275	+ 27 1563	8.3	9	9.0	69.1	68.0	6 25.26	2	3.6651	—0.0154	0.007	+27 30 15.4	2	10.510	0.451	0.16
2276	+ 17 1797	8.5	....	8	77.16	77.0	6 31.18	4	3.4207	—0.0099	0.004	+17 1 16.2	2	10.517	0.420	0.13
2277	+ 50 1524	8.3	....	9	70.13	70.0	6 47.34	2	4.4350	—0.0400	0.020	+50 8 49.3	2	10.537	0.546	0.27
2278	+ 52 1292	7.7	....	7	81.7	81.0	6 47.44	2	4.5665	—0.0452	0.024	+52 43 13.2	2	10.537	0.562	0.29
2279	— 1 1928	8.6	....	8.6	72.18	72.0	7 0.38	2	3.0514	—0.0036	0.001	— 1 3 6.0	2	10.553	0.374	0.10
2280	.....	...	....	...	73.47	73.0	7 8.53	2	5.0742	—0.0686	0.031	+60 25 6.5	2	10.564	0.624	0.30

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
2241	88 19	Berlin, Becker	B. D. 1923	44 <sup>s</sup> 7	21' 5	Cambr. (M) A. G. C. 3043, 46 <sup>s</sup> .05, 38'' 6; 7 <sup>m</sup> .3. Siehe Noten. A. N. Declin. + 2' corrigirt. Siehe Noten. Bonn A. G. C. 6398, 57 <sup>s</sup> .00, 0'' 7; 8 <sup>m</sup> .3. E. B. — 0 <sup>s</sup> .0097 + 0'' .002, 27 Lyncis. Siehe Noten.
2242	72 115, 74 197	Berlin, Romberg	Arg.-Oeltzen 8581	45.96	38'' 9	
2243	74 248	Königsberg, Lorek	Rümker 2395	56.91	1.7	
2244	100 264	Pulkowa, Romberg	Auwers Fund Cat. A.G. 405	2.75	52.9	
2245	84 231	Berlin, Knorre	B. D. 1901	3.2	11' 6	
2246	112 393	Cap	B. D. 1822	4.3	36.6	Lund A. G. Z. 132 u. 149, 12 <sup>s</sup> .08, 54'' 8; 9 <sup>m</sup> .0.
2247	111 173	Berlin, Knorre	Weisse, 1585 B. Z. 452	12.23	57'' 9	
2248	94 283	Kremsmünster	Bonn A. G. C. 6403	11.96	54.5	
2249	88 135	Wien, Holetschek	Helsingfors A. G. C. 5400	14.92	1.4	
2250	88 19	Berlin, Becker	B. D. 1932	16.3	12' 6	
2251	88 135 u. 191	Wien, Holetschek	Helsingfors A. G. C. 5403	21.13	38'' 4	Σ 1186 seq. bor. maj. E. B. — 0 <sup>s</sup> .0017 — 0'' .025 nach Pulk.
2252	111 173	Berlin, Knorre	B. D. 1847	28.6	36' 3	
2253	91 213	Pola, J. Palisa	A. N. 87, 359 mikr. Anschluss	40.94	30'' 8	
2254	78 291	Leiden, Kam	Pulkowa Cat. 1875.0, 1818	10.76	31.7	
2255	89 216	Marseille, Stephan	Lund A. G. Z. 132 u. 149	29.61	55.7	
2256	98 133	Pola, J. Palisa	A. N. 88, 43 mikr. Anschluss	40.90	55.6	Berlin A. G. C. B. 3278, 2 <sup>s</sup> .47, 54'' 8; 8 <sup>m</sup> .9.
2257	81 153	Leiden, Valentiner	Paris Cat, 9956	44.82	32.0	
2258	69 70	Berlin, Romberg	Weisse, 1684 B. Z. 277	2.95	55.7	
2259	88 19	Berlin, Knorre	B. D. 1940	45.7	7' 6	
2260	112 393	Cap	Küstner 274	5.80	34'' 7	
2261	89 216	Marseille, Stephan	Albany A. G. C. 3213	7.70	28.6	Controlestern. A. N. + 1 <sup>m</sup> corrigirt nach Publ. XVIII der A. G. S. Noten.
2262	79 137	Leiden, Valentiner	Weisse, 33 B. Z. 277	7.47	18.0	
2263	89 216	Marseille, Stephan	Weisse, 38 B. Z. 341	33.54	2.6	
2264	Public. XVIII der A. G.	Pulkowa, Romberg	Weisse, 55 B. Z. 65	43.83	12.7	
2265	84 242	Berlin, Tietjen	.....	.....	.....	
2266	90 199	Wien	B. D. 1658	42.4	29' 4	E. B. — 0 <sup>s</sup> .0059 + 0'' .008 nach Helsingf. A. G. C. A. N. Declin. + 1'' corrigirt cf. A. N. 78, 167 A. N. — 10'' [corrigirt. Siehe Noten]
2267	85 198	Leiden, Bakhuyzen u. [Valentiner]	Helsingfors A. G. C. 5436	50.71	34'' 4	
2268	79 137	Leiden, Becker	Göttingen Cat. I, 2823-4	52.47	48.7	
2269	81 153	Leiden, Valentiner	Paris Cat, 10015	52.58	49.1	
2270	81 153	Leiden, Valentiner	M <sub>2</sub> 2134	56.39	17.3	
2271	85 198	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 5442	17.37	21.5	Berl. A. G. C. B. 3293, 17 <sup>s</sup> .15, 43'' 3; 6 <sup>m</sup> .6.
2272	74 75	Washington	Wash. Obs. 1880 u. 84 p. 347 [u. 346]	24.44	39.8	
2273	111 173	Berlin, Knorre	Pulkowa Cat. 1875.0, 1841	17.11	42.2	
2274	94 293	Berlin, Tietjen	Brüssel Cat. 3457	22.45	15.9	
2275	74 75	Washington	Yarnall 3384	25.24	14.1	
2276	94 307	Berlin, Tietjen	Weisse, 95-96 B. Z. 273 u. 281	31.09	15.3	A. N. Declin. + 1'' corrigirt cf. A. N. 78, 167. Siehe Noten A. N. Pr. austr. Cambr. (M) A. G. C. { 3074, 47 <sup>s</sup> .33, 49'' 9; 8 <sup>m</sup> .9 3075, 47.39, 57.2; 8.9. Cambr. (M) A. G. C. 3076, 47 <sup>s</sup> .39, 13'' 9; 7 <sup>m</sup> .9.
2277	81 70	Berlin, Tietjen	Arg.-Oeltzen 8750, pr. austr.	47.34	49.1	
2278	105 183, 108 184	Königsberg	Arg.-Oeltzen 8746-7	47.44	13.9	
2279	81 153	Leiden, Valentiner	Göttingen Cat. I 2835-6	0.54	6.3	
2280	85 198	Leiden, E. Bakhuyzen [u. Valentiner]	A. N. 79, 351 mikr. Anschluss	8 56	12.6	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL 1875.0			
		B. D.	A. N.	Quelle:	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
1800 +																	
2281	.....	...	10-11	...	74.16	70.0	8 <sup>h</sup> 7 <sup>m</sup> 8 <sup>s</sup> 74	2	+	5 <sup>s</sup> 0742	-0 <sup>s</sup> 0686	-0 <sup>s</sup> 031	+60°25' 7"3	2	10"564	-0"624	+0"
2282	+ 8°2005	7.8	....	7-8	73.25	70.0	7 10.20	2		3.2341	-0.0065	0.002	+ 8 6 26.5	2	10.565	0.396	0.12
2283	- 5 2429	9.1	8.6	9.5	72.94	70.0	7 30.04	6		2.9650	-0.0025	0.000	- 5 23 53.4	6	10.590	0.363	0.13
2284	- 5 2435	8.8	8.7	8.8	73.24	70.0	7 36.24	3		2.9655	-0.0025	0.000	- 5 22 18.6	3	10.598	0.363	0.13
2285	.....	...	....	9.5	73.84	70.0	7 45.03	2		3.2087	-0.0061	0.002	+ 6 51 21.8	2	10.609	0.393	0.14
2286	+ 16 1671	8.9	9.5	9	73.13	73.0	8 4.70	1		3.4017	-0.0097	0.003	+16 12 22.6	1	10.633	0.416	0.15
2287	+ 21 1798	9.1	....	9	?	77.0	8 11.82	1		3.5249	-0.0123	0.004	+21 46 32.8	1	10.642	0.431	0.15
2288	+ 29 1723	9.5	9.3	9.5	83.99	80.0	8 14.11	1		3.7201	-0.0171	0.007	+29 45 30.7	1	10.644	0.455	0.17
2289	+ 41 1811	9.5	9	9.5	78.09	75.0	8 42.45	2		4.0611	-0.0272	0.011	+41 8 52.3	2	10.680	0.497	0.21
2290	+ 19 1962	9.4	....	9.1	67.67	65.0	8 42.75	2		3.4606	-0.0110	0.004	+18 56 30.8	2	10.680	0.422	0.14
2291	+ 2 1916	8.8	9	9.0	66.21	65.0	8 57.53	2		3.1232	-0.0047	0.001	+ 2 34 43.0	2	10.698	0.381	0.10
2292	+ 3 1932	8.0	8	7.9	66.65	65.0	9 0.00	2		3.1357	-0.0049	0.001	+ 3 12 45.3	2	10.701	0.382	0.11
2293	+ 0 2232	8.5	....	9	71.03	70.0	9 1.06	2		3.0780	-0.0040	0.000	+ 0 17 31.6	2	10.702	0.375	0.11
2294	+ 2 1917	8.7	8.9	8.2	67.19	65.0	9 2.51	2		3.1198	-0.0047	0.001	+ 2 24 42.8	2	10.704	0.380	0.11
2295	+ 3 1933	7.5	....	7.6	72.16	72.0	9 17.09	1		3.1350	-0.0049	0.001	+ 3 10 54.7	1	10.722	0.382	0.11
2296	+ 60 1128	9.4	....	9.1	73.52	73.0	9 34.60	2		5.0644	-0.0697	0.030	+60 27 40.4	2	10.745	0.619	0.35
2297	» »	»	10-11	...	74.17	70.0	35.10	2		»	»	»	39.9	2	»	»	»
2298	+ 0 2241	8.7	....	10	72.17	72.0	10 3.43	1		3.0746	-0.0040	0.000	+ 0 7 9.5	1	10.779	0.374	0.11
2299	+ 20 2040	8.0	8.9	8.5	66.70	65.0	10 35.34	2		3.4869	-0.0118	0.004	+20 13 15.3	2	10.819	0.423	0.15
2300	+ 1 2056	7.5	....	7.6	72.19	72.0	11 8.26	1		3.1023	-0.0045	0.001	+ 1 31 54.8	1	10.859	0.376	0.11
2301	+ 19 1974	9.5	9.5	9.5	84.00	80.0	11 26.45	2		3.4724	-0.0115	0.004	+19 36 38.2	2	10.881	0.421	0.15
2302	+ 18 1910	9.2	9	9	65.11	65.0	11 54.79	2		3.4486	-0.0110	0.004	+18 33 8.7	2	10.916	0.417	0.14
2303	+ 80 254	9.2	....	9.2	81.6	81.0	12 5.40	1		9.9798	-0.5584	0.107	+80 46 56.1	1	10.929	1.216	2.11
2304	+ 18 1913	9.5	10	9.5	77.24	75.0	12 19.95	1		3.4546	-0.0112	0.004	+18 50 38.2	1	10.947	0.417	0.14
2305	.....	...	....	...	75.18	80.0	12 24.45	2		3.4550	-0.0112	0.004	+18 51 59.8	2	10.952	0.417	0.14
2306	.....	...	10-11	...	77.25	75.0	24.48	1		»	»	»	58.4	1	»	»	»
2307	.....	...	11-10	...	78.09	75.0	24.49	2		»	»	»	57.4	2	»	»	»
2308	+ 27 1588	8.1	....	8-9	70.13	70.0	12 25.96	2		3.6492	-0.0159	0.006	+27 15 27.9	2	10.954	0.441	0.17
2309	+ 6 1928	8.7	....	9	72.16	72.0	12 30.85	1		3.1917	-0.0060	0.002	+ 6 5 32.0	1	10.960	0.385	0.12
2310	» »	»	8.8	...	86.23	86.0	31.04	2		»	»	»	30.3	2	»	»	»
2311	» »	»	....	...	72.05	71.0	31.11	1		»	»	»	31.0	1	»	»	»
2312	+ 1 2063	8.7	8	8.4	65.69	65.0	12 52.82	2		3.1060	-0.0046	0.000	+ 1 43 49.2	2	10.987	0.374	0.11
2313	+ 25 1903	7.5	7.8	7-8	76.94	76.0	13 10.88	3		3.6107	-0.0150	0.006	+25 43 41.9	3	11.009	0.435	0.15
2314	+ 17 1822	9.5	....	9.5	79.08	77.0	13 37.95	2		3.4149	-0.0104	0.003	+17 4 4.2	2	11.042	0.411	0.14
2315	+ 31 1792	9.1	....	9.1	68.2	67.0	14 5.58	...		3.7526	-0.0189	0.007	+31 24 8.4	...	11.075	0.451	0.18
2316	+ 4 1957	8.5	....	8-9	72.17	72.0	14 37.70	1		3.1651	-0.0056	0.001	+ 4 46 18.5	1	11.115	0.379	0.12
2317	» »	»	....	8.3	72.05	71.0	37.85	1		»	»	»	17.9	1	»	»	»
2318	+ 26 1768	8.4	8	8-9	80.10	80.0	14 41.33	2		3.6226	-0.0155	0.005	+26 19 9.8	2	11.119	0.435	0.17
2319	+ 60 1130	9.0	....	9.2	73.38	73.0	14 42.94	2		4.9981	-0.0695	0.025	+59 59 6.0	2	11.121	0.602	0.45
2320	+ 32 1724	7.6	....	7.6	66.2	66.0	15 8.75	3		3.7661	-0.0195	0.007	+31 58 58.9	3	11.152	0.452	0.12

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2281	84 231	Berlin, Knorre	.....	.....	...	Derselbe Stern wie Nr. 2280.
2282	84 242	Berlin, Tietjen	Paris Cat, 10068	10 <sup>s</sup> 25	29" 3	
2283	104 195	Leipzig, Engelmann	Brüssel Cat. 3464	30.02	54.2	Siehe Noten.
2284	104 195	Leipzig, Engelmann	B. D. 2435	37.0	22' 1	Siehe Noten.
2285	84 242	Berlin, Tietjen	Leiden, mikrom. Anschluss	45.5	51.6	Siehe Noten.
2286	88 135	Wien, Holetschek	Weisse, 135 B. Z. 273	5.01	22" 7	
2287	89 216	Marseille, Stephan	Weisse, 136 B. Z. 278	11.72	34.0	} A. N. — 1' corrigirt, siehe Noten. } Berlin A. G. C. B. 3309, 11 <sup>s</sup> .73, 33" .4; 9 <sup>m</sup> .1.
2288	111 173	Berlin, Knorre	B. B. VI 1723	14.26	30.4	
2289	92 371	Pola, J. Palisa	B. D. 1811	45.3	9' 1	
2290	69 70	Berlin, Romberg	B. B. VI 1962	42.08	28" 3	
2291	69 70	Berlin, Romberg	Albany A. G. C. 3268	57.60	42.1	
2292	69 70	Berlin, Romberg	Albany A. G. C. 3269	59.94	43.8	
2293	77 264	Leiden, Becker	Harv. Zones 95 u. 96 Nr. 174	1.10	30.4	
2294	69 70	Berlin, Romberg	Albany A. G. C. 3270	2.49	41.7	
2295	81 153	Leiden, Valentiner	Albany A. G. C. 3275	17.18	55.0	
2296	85 198	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 5479	35.18	41.0	
2297	84 231	[u. Valentiner]	A. N. 79, 87 u. 350, mikrom.	35.44	37.3	
2298	81 153	Berlin, Knorre	[Anschluss]	3.43	6.8	A. N. + 50 <sup>s</sup> corrigirt. Siehe Noten.
2299	69 70	Leiden, Valentiner	M <sub>2</sub> 2160	35.32	13.8	
2300	81 154	Berlin, Romberg	Berlin A. G. C. B. 3326	8.24	54.3	
2301	111 173 u. 222	Leiden, Valentiner	Albany A. G. C. 3292	26.28	34.7	
2302	69 70	Berlin, Knorre	B. B. VI 1974	54.89	8.7	
2303	101 7	Berlin, Romberg	Weisse, 226 B. Z. 281	3...	46' 7	A. N. — 2 <sup>m</sup> corrigirt. Siehe Noten.
2304	91 213	Königsberg	B. D. 254	18.1	48.0	
2305	88 21	Pola, J. Palisa	B. D. 1913	24.85	3" 0	
2306	91 213	Berlin, Becker u.	A. N. 85, 190 mikr. Anschluss	.....	.....	A. N. Declin. — 10" corrigirt. Siehe Noten.
2307	92 371	[Knorre]	.....	.....	.....	
2308	81 70	Pola, J. Palisa	.....	26.17	25.9	Nicht im Pariser Cat.
2309	81 154, 79 137.	Berlin, Tietjen	Lalande 16268	31.20	32.6	Siehe Noten.
2310	Publ. XVIII der A. G.	Leiden, Valentiner	Weisse, 290 B. Z. 52	31.09	33.1	Controlestern.
2311	79 137	Pulkowa, Romberg	Kam 1378	.....	.....	
2312	69 70	Leiden, Valentiner	.....	52.56	47.8	
2313	90 203	Berlin, Romberg	Albany A. G. C. 3305	11.17	39.6	
2314	94 293	Leipzig	Weisse, 252 B. Z. 341	40.4	4' 1	
2315	74 193	Kremsmünster	B. D. 1822	5.6	24.1	
2316	81 154	Berlin	B. D. 1792	37.75	17" 8	
2317	79 137	Leiden, Valentiner	Paris Cat, 10214	37.83	17.5	
2318	98 133	Leiden, Valentiner	Albany A. G. C. 3326	41.36	11.2	
2319	85 198	Pola, J. Palisa	Paris Cat, 10216	43.12	5.4	
2320	73 63, 69 364	Leiden, Valentiner	Helsingfors A. G. C. 5515	8.46	56.4	A. N. 69 giebt A R 0 <sup>s</sup> .23 kleiner, Declin 0" .5 nördlicher.
		Königsberg, Lorek	Leiden A. G. Z. 17 u 168			

NUM- MER.	NUMMER	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.			
	der	NACH			DER				1875.0					1875.0			
	nördl. u. südl.	B. D	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
	Bonner- Durchmus- terung.																
1800 +																	
2321	.....	...	10-11	10-11	74.16	70.0	8 <sup>h</sup> 15 <sup>m</sup> 32 <sup>s</sup> 66	2	+	5 <sup>s</sup> 0198	-0 <sup>s</sup> 0712	-0 <sup>s</sup> 025	+60° 19' 22" 0	2	11" 181	-0" 603	+ 0" 46
2322	+ 6° 1941	9.0	....	...	72.18	72.0	15 36.00	2		3.1959	-0.0062	0.001	+ 6 21 37.7	2	11.185	0.382	0.12
2323	+ 60 1132	8.3	....	8.6	74.11	74.0	15 39.48	2		5.0024	-0.0704	0.025	+60 6 28.5	2	11.189	0.601	0.40
2324	+ 14 1882	9.5	....	9.5	85.1	85.0	15 55.05	2		3.3527	-0.0092	0.002	+14 11 50.9	2	11.208	0.401	0.13
2325	+ 56 1297	9.2	9.5	8.8	73.70	73.0	16 47.81	2		4.7704	-0.0592	-0.021	+56 55 50.0	2	11.272	0.571	0.35
2326	.....	...	....	6.5	77.19	75.0	16 52.82	2		2.1699	+0.0019	+0.002	-39 13 24.5	2	11.278	0.257	0.05
2327	.....	...	10	...	77.25	75.0	17 11.63	2		3.4441	-0.0113	-0.004	+18 36 39.0	2	11.301	0.410	0.15
2328	.....	...	10	...	75.20	80.0	11.84	1		»	»	»	33.3	1	»	»	»
2329	+ 6 1947	9.3	....	9.4	71.03	70.0	17 24.37	2		3.1945	-0.0062	0.001	+ 6 19 17.4	2	11.316	0.380	0.12
2330	+ 19 2004	9.0	....	9.0	?	77.0	17 37.56	2		3.4644	-0.0119	0.003	+19 34 21.3	2	11.332	0.412	0.15
2331	+ 21 1835	9.0	9.0	8.7	84.00	80.0	18 26.91	2		3.5078	-0.0130	0.003	+21 35 42.8	2	11.391	0.416	0.15
2332	+ 66 555	9.3	....	9.3	74.7	74.0	18 49.01	..		5.5419	-0.1049	0.030	+66 0 31.6	..	11.418	0.659	0.55
2333	+ 28 1602	6.0	....	6	70.14	70.0	18 51.46	2		3.6641	-0.0171	0.005	+28 18 13.0	2	11.421	0.434	0.15
2334	+ 57 1143	7.1	7	6.8	75.15	80.0	19 4.22	2		4.7684	-0.0603	0.019	+57 4 34.2	2	11.436	0.566	0.30
2335	+ 60 1134	9.5	....	9.5	71.62	70.0	19 5.97	2		4.9909	-0.0719	0.021	+60 12 51.0	2	11.438	0.593	0.40
2336	+ 6 1951	9.0	....	10	71.58	71.0	19 8.26	2		3.1945	-0.0063	0.001	+ 6 21 27.0	2	11.441	0.378	0.12
2337	+ 8 2053	5.2	....	6	72.16	72.0	19 12.35	1		3.2260	-0.0069	0.001	+ 7 58 14.8	1	11.446	0.381	0.15
2338	+ 19 2010	9.2	9.0	9.0	86.23	86.0	19 29.38	2		3.4595	-0.0119	0.003	+19 26 39.0	2	11.466	0.409	0.15
2339	» »	»	9.2	...	81.20	81.0	29.59	2		»	»	»	[28 14.1]	2	»	»	»
2340	» »	»	....	...	79.96	78.0	29.70	2		»	»	»	26 40.0	2	»	»	»
2341	+ 13 1912	5.8	....	6	72.05	71.0	19 49.03	1		3.3265	-0.0089	0.002	+13 3 55.9	1	11.489	0.393	0.14
2342	» »	»	....	7	72.19	72.0	49.16	1		»	»	»	56.1	1	»	»	»
2343	+ 61 1054	3.3	....	3.3	74.6	74.0	19 51.73	5		5.0597	-0.0763	0.022	+61 8 0.6	5	11.493	0.600	0.42
2344	+ 27 1613	8.7	....	8.7	80.10	80.0	19 58.08	2		3.6365	-0.0165	0.004	+27 15 16.7	2	11.500	0.429	0.17
2345	+ 8 2057	7.5	....	7-8	72.17	72.0	20 1.03	2		3.2273	-0.0069	0.001	+ 8 3 29.9	2	11.504	0.381	0.15
2346	+ 66 556	9.5	....	9.5	76.18	74.0	20 41.61	1		5.5424	-0.1067	0.027	+66 8 3.8	1	11.552	0.656	0.55
2347	+ 60 1136	7.8	....	7.8	73.27	73.0	20 49.77	2		4.9896	-0.0730	0.021	+60 19 39.9	2	11.562	0.589	0.40
2348	+ 60 1137	9.2	....	9.0	73.29	73.0	20 55.88	2		4.9726	-0.0721	0.021	+60 6 56.6	2	11.569	0.587	0.40
2349	+ 16 1731	8.6	....	9	65.08	65.0	20 56.94	2		3.4003	-0.0107	0.002	+16 43 13.4	2	11.571	0.400	0.14
2350	+ 9 1975	9.5	....	9.5	77.24	75.0	21 3.67	2		3.2445	-0.0073	0.001	+ 8 57 57.2	2	11.579	0.381	0.15
2351	+ 52 1314	9.4	9.4	9.3	84.10	80.0	21 5.87	1		4.4999	-0.0484	0.015	+52 36 4.9	1	11.581	0.531	0.51
2352	+ 17 1852	8.8	....	8.5	66.65	65.0	21 20.63	2		3.4112	-0.0109	-0.002	+17 15 49.7	2	11.598	0.401	0.14
2353	- 4 2348	9.1	....	...	78.2	73.0	21 26.35	3		2.9906	-0.0030	+0.001	- 4 16 48.2	3	11.606	0.351	0.10
2354	+ 16 1733	9.2	9	9	66.73	65.0	21 28.87	2		3.3945	-0.0106	-0.002	+16 28 0.7	2	11.609	0.399	0.14
2355	+ 7 1980	8.5	8	8	65.69	65.0	21 30.82	2		3.2169	-0.0068	0.001	+ 7 33 32.4	2	11.611	0.377	0.12
2356	+ 16 1734	9.1	....	9	74.2	74.0	21 44.99	1		3.3998	-0.0107	0.002	+16 44 12.1	1	11.628	0.399	0.14
2357	+ 56 1305	7.8	8	7.9	73.68	70.0	22 0.00	2		4.6977	-0.0583	0.017	+56 11 34.1	2	11.646	0.553	0.34
2358	+ 6 1963	8.5	....	9	72.11	70.0	22 3.57	2		3.1970	-0.0064	-0.001	+ 6 32 15.6	2	11.650	0.374	0.12
2359	.....	...	....	7½	77.21	75.0	22 15.04	3		2.4120	+0.0020	+0.003	-31 15 44.2	3	11.663	0.281	0.00
2360	+ 22 1941	8.8	....	8.5	80.17	80.0	22 37.73	2		3.5210	-0.0137	-0.003	+22 26 40.7	2	11.690	0.412	0.16



NUM- MER.	BAND UND SEITE		BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.		SECUNDEN DER QUELLE.		B E M E R K U N G E N.
	DER ASTR. NACHR.					A.R.	Decl.	
2321	84	231	Berlin, Knorre	Leiden mikrom. Anschluss	32 <sup>s</sup> 7	19'.4	Siehe Noten.	
2322	81	154	Leiden, Valentiner	Kam 1387-8	35.85	37"5		
2323	86	315	Leiden, E. Bakhuyzen,	Helsingfors A. G. C. 5521	39.29	29.8		
2324	112	393	Cap.	B. D. 1882	56.3	12'.3		
2325	83	135 u. 191	Wien, Holetschek	Helsingfors A. G. C. 5528	47.72	44"9		
2326	91	213	Pola, J. Palisa	Cordoba G. C. 11199	52.91	24.9		
2327	91	213	Pola, J. Palisa	A.N. 85, 189 mikr. Anschluss	12.13	41.9		
2328	88	21	Berlin, Becker	.....	.....	.....		
2329	77	265	Leiden, Becker	B. B. VI 1947	24.36	18.6		
2330	89	216	Marseille, Stephan	Yarnall 3450	37.64	22.4		
2331	111	173 u. 224	Berlin, Knorre	Berlin A. G. C. B. 3378	26.89	43.4	E. B. 0 <sup>s</sup> .0000 — 0".130 nach Pariser Cat.	
2332	85	10, 86 101	Kremsmünster	B. D. 555	47..	0'5		
2333	81	70	Berlin, Tietjen	Paris Cat, 10318	51.29	13"2		
2334	88	21	Berlin, Knorre	Helsingfors A. G. C. 5555	4.41	36.3		
2335	81	70	Berlin, Tietjen	B. D. 1134	7.0	11'6		
2336	79	137	Leiden, Becker und [Valentiner	Schjellerup 3080	8.59	28"0		Duplex nördl.; Δ 3" P 175° nach Schj.
2337	81	154	Leiden, Valentiner	Paris Cat, 10327	12.43	13.4		
2338	Public. XVIII der A.G.		Pulkowa, Romberg	Brüssel 3557	29.42	27'1		Brüssel Declin. genähert. Controlestern.
2339	102	297	Berlin, Leman	.....	.....	.....		
2340	94	297	Kremsmünster	.....	.....	.....		Siehe Noten.
2341	79	137	Leiden, Valentiner	Paris Cat, 10344	49.03	55.8	a Urs. maj. { E.B. — 0 <sup>s</sup> .0193 — 0".112; F.C. v. Romb. angebr. E.B. — 0.0174 — 0.117 nach Paris 10347.	
2342	81	154	Leiden, Valentiner	Schjellerup 3085	48.90	57.0		
2343	100	265	Pulkowa, Romberg	Auwers Fund. Cat. A. G. 125	51.79	1.2		
2344	90	133	Pola, J. Palisa	B. D. 1613	57.2	15'6		
2345	81	154	Leiden, Valentiner	Paris Cat, 10352	0.98	29"9		
2346	107	57	Leiden, Kapteyn	B. D. 556	38..	8'.2		
2347	85	198	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 5566	49.86	40"5		
2348	85	198	Leiden, Valentiner	Helsingfors A. G. C. 5568	55.98	57.8		
2349	69	70	Berlin, Romberg	Paris Cat, 10374	56.92	10.9		
2350	91	213	Pola, J. Palisa	B. D. 1975	3.5	1'.2		
2351	111	173 u. 221	Berlin, Knorre	B. B. VI 1314	5.56	4"4	Cambr. (M) A. G. C. 3159, 6 <sup>s</sup> .26, 5"'.6; 9 <sup>m</sup> .4. Duplex maj.	
2352	69	70	Berlin, Romberg	Struve Pos. med. 999	20.51	49.5		
2353	92	366	Washington	Wash. Obs. 1878 p. 153 [No. 152	26.16	50.9		
2354	69	70	Berlin, Romberg	Weisse, 471 B. Z. 273	28.73	59.1		
2355	69	70	Berlin, Romberg	Paris Cat, 10393	30.74	32.5		
2356	84	66	Washington	Paris Cat, 10398	45.04	16.1		
2357	84	231	Berlin, Knorre	Helsingfors A. G. C. 5577	0.20	33.7		
2358	81	70	Berlin, Tietjen	Glasgow Cat. I 2154	3.61	15.9		
2359	91	213	Pola, J. Palisa	Cordoba G. C. 11350	15.16	41.2		
2360	98	133	Pola, J. Palisa	Berlin A. G. C. B. 3399	37.80	39.9		

NUM- MER.	NUMMER	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
	der nördl. u. südl.	NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
	Bonner- Durchmus- terung.	B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800 +												
2361	+ 51°1431	7.5	....	7-8	82.17	82.0	8h 22m 47s.87	..	+ 4s.4152	-0s.0453	-0s.014	+51° 2' 43".4	..	11"702	-0"518	+ 0".3	
2362	" "	"	....	7.9	81.22	82.0	47.90	..	"	"	"	43.1	..	"	"	"	
2363	+ 6 1966	9.0	....	9	72.16	72.0	22 49.67	1	3.1945	-0.0064	0.001	+ 6 25 25.1	1	11.704	0.373	0.12	
2364	" "	"	....	...	71.17	71.0	49.76	1	"	"	"	26.0	1	"	"	"	
2365	+ 23 1967	9.0	....	8.7	80.10	80.0	23 21.94	2	3.5526	-0.0146	0.003	+23 54 7.7	2	11.743	0.415	0.17	
2366	+ 60 1138	9.2	....	9.2	73.48	73.0	23 45.69	4	4.9524	-0.0728	0.018	+60 4 11.8	4	11.771	0.580	0.23	
2367	+ 18 1958	9.0	9	9.0	75.20	80.0	24 0.72	2	3.4311	-0.0116	0.002	+18 21 20.4	2	11.788	0.400	0.15	
2368	+ 18 1961	9.1	....	9	77.12	75.0	24 20.05	2	3.4317	-0.0117	0.002	+18 24 5.0	2	11.811	0.399	0.15	
2369	+ 19 2029	9.1	9	9	65.10	65.0	24 52.18	1	3.4552	-0.0123	0.002	+19 32 44.7	1	11.849	0.401	0.15	
2370	+ 18 1969	9.4	9.5	...	75.16	80.0	25 10.85	1	3.4285	-0.0116	0.002	+18 17 39.3	1	11.871	0.398	0.15	
2371	+ 11 1866	9.5	....	9.5	71.03	70.0	26 30.36	1	3.2904	-0.0085	0.001	+11 29 42.3	1	11.964	0.380	0.15	
2372	" "	"	....	...	72.05	71.0	30.38	1	"	"	"	41.7	1	"	"	"	
2373	+ 14 1917	7.8	....	8.5	85.1	85.0	26 39.87	2	3.3391	-0.0096	0.001	+13 58 32.5	2	11.975	0.385	0.14	
2374	+ 6 1987	9.5	....	9.5	72.05	71.0	26 45.97	1	3.1837	-0.0064	0.000	+ 5 56 16.3	1	11.983	0.367	0.15	
2375	+ 11 1870	7.8	....	8	72.18	72.0	27 9.15	2	3.2806	-0.0084	0.001	+11 0 43.9	2	12.010	0.378	0.14	
2376	+ 18 1978	7.8	....	8	79.05	78.0	27 15.02	2	3.4371	-0.0120	0.002	+18 49 29.5	2	12.016	0.396	0.16	
2377	+ 17 1871	8.3	....	8.2	65.03	65.0	27 17.76	1	3.4058	-0.0113	0.002	+17 18 31.7	1	12.020	0.392	0.16	
2378	+ 14 1920	9.1	....	9	85.1	85.0	27 21.72	2	3.3412	-0.0097	0.002	+14 6 41.3	2	12.024	0.385	0.15	
2379	+ 56 1312	8.0	....	8.4	75.04	75.0	27 24.33	2	4.6744	-0.0598	0.014	+56 16 5.2	2	12.028	0.540	0.33	
2380	+ 17 1875	9.4	9-10	9.4	78.10	75.0	27 37.67	2	3.4171	-0.0116	0.002	+17 52 49.3	2	12.043	0.393	0.16	
2381	+ 5 1999	7.2	....	7-8	72.11	70.0	27 55.84	2	3.1832	-0.0064	0.000	+ 5 55 49.1	2	12.064	0.366	0.15	
2382	+ 48 1667	9.1	9	9.1	78.12	75.0	28 10.73	2	4.2568	-0.0402	0.009	+47 59 11.5	2	12.081	0.490	0.27	
2383	+ 60 1147	9.2	....	9.2	71.62	70.0	28 30.61	1	4.9219	-0.0741	0.014	+60 2 42.9	1	12.105	0.567	0.41	
2384	" "	"	....	9	73.25	73.0	30.61	1	"	"	"	42.7	1	"	"	"	
2385	+ 0 2334	7.3	....	7-8	77.12	77.0	28 43.77	2	3.0870	-0.0046	0.000	+ 0 47 31.5	2	12.120	0.353	0.11	
2386	+ 23 1977	8.8	9	9.0	67.22	65.0	28 53.28	1	3.5438	-0.0150	0.003	+23 53 30.1	1	12.131	0.406	0.17	
2387	+ 18 1987	9.3	....	9	79.13	78.0	28 57.83	2	3.4331	-0.0121	-0.002	+18 43 42.1	2	12.136	0.393	0.16	
2388	.....	...	....	9	83.1	82.0	29 5.96	5	2.4643	+0.0022	+0.003	-29 44 40.1	5	12.146	0.281	0.06	
2389	+ 14 1929	8.0	....	8	85.1	85.0	29 14.12	2	3.3415	-0.0099	-0.002	+14 12 29.3	2	12.155	0.382	0.14	
2390	+ 16 1770	8.1	8	8.2	65.11	65.0	29 18.98	2	3.3922	-0.0111	0.002	+16 44 56.3	2	12.161	0.388	0.15	
2391	+ 53 1269	6.6	....	6.6	71.60	70.0	29 42.13	1	4.4998	-0.0521	0.011	+53 21 35.0	1	12.187	0.516	0.32	
2392	+ 60 1149	7.5	....	7.9	73.27	73.0	30 14.54	2	4.9096	-0.0745	0.013	+60 1 22.4	2	12.225	0.562	0.41	
2393	" "	"	....	7-8	71.62	70.0	14.58	1	"	"	"	22.2	1	"	"	"	
2394	+ 17 1891	9.2	....	9	77.16	77.0	30 32.00	2	3.4062	-0.0115	0.002	+17 30 29.7	2	12.245	0.388	0.15	
2395	+ 19 2053	7.2	7.2	7	67.24	68.0	30 36.78	1	3.4513	-0.0127	0.002	+19 42 5.7	1	12.251	0.393	0.16	
2396	+ 6 1996	8.5	9	7-8	65.24	65.0	30 38.48	2	3.1914	-0.0067	0.000	+ 6 25 24.6	2	12.253	0.363	0.12	
2397	+ 24 1966	9.5	9.5	9.5	83.97	80.0	31 4.76	3	3.5471	-0.0153	0.003	+24 11 38.1	3	12.283	0.404	0.16	
2398	+ 56 1322	8.1	8	8.4	75.15	80.0	31 10.36	2	4.6456	-0.0602	0.011	+56 7 5.6	2	12.289	0.530	0.35	
2399	+ 15 1860	9.4	....	9.4	72.16	72.0	31 16.37	1	3.3575	-0.0104	0.001	+15 7 3.4	1	12.296	0.381	0.15	
2400	" "	"	....	...	72.05	71.0	16.52	1	"	"	"	1.0	1	"	"	"	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2361	112 317	Washington	Arg.-Oeltzen 9033-5	48 <sup>s</sup> 22	58" 4	E.B. { — 0 <sup>s</sup> .0095 — 0" 376 Stumpe A.N. 125, S. 403. — 0 0092 — 0.362 cf. A.N. 112, 318. — 0.009 — 0.36 Porter Cat. Prop. Mot. 472. — 0.0052 — 0.352 Cambr. A.G.C.
2362	112 317	Washington	Cambridge (M.) 3165	47.89	42.2	
2363	81 154	Leiden, Valentiner	Schjellerup 3105	49.74	27.1	
2364	79 138	Leiden, Becker	Kam 1406-7	49.84	25.2	
2365	98 133	Pola, J. Palisa	Berlin A. G. C. B. 3404	21.93	9.0	
2366	85 198	Leiden, E. Bakhuyzen (und Valentiner)	Helsingfors A. G. C. 5587	45.62	11.9	
2367	88 21	Berlin, Becker	B. D. 1958	59.3	21' 4	
2368	94 307	Berlin, Tietjen	Weisse, 533 B. Z. 281	20.20	1" 7	Paris Cat. 10507, 14 <sup>s</sup> .65, Declin fehlt; 8 <sup>m</sup> . Siehe Noten.
2369	69 70	Berlin, Romberg	Weisse, 549 B. Z. 277	52.07	42.8	
2370	88 21	Berlin, Knorre	A. N. 85, 109 mikr. Anschluss	11.12	41.6	
2371	77 265	Leiden, Becker	B. D. 1866	29.2	30' 5	
2372	79 138	Leiden, Valentiner	.....	.....	.....	
2373	112 393	Cap	Schjellerup 3133	39.77	32" 7	
2374	79 138	Leiden, Valentiner	B. D. 1987	45.3	56' 6	
2375	81 154	Leiden, Valentiner	Paris Cat, 10505	9.17	43" 5	Siehe Noten
2376	94 297	Kremsmünster	Weisse, 605-6 B. Z. 274 u. 281	14.69	22.9	
2377	69 71	Berlin, Romberg	B. B. VI 1871	17.62	29.4	
2378	112 393	Cap	Weisse, 667 B. Z. 62	22.20	42.8	
2379	86 109	Hamburg, Lindstedt	Helsingfors A. G. C. 5604	24.52	6.5	
2380	92 371	Pola, J. Palisa	B. D. 1875	37.4	53' 5	
2381	81 70	Berlin, Tietjen	Paris Cat, 10522	55.70	50" 4	A.N. + 7 <sup>m</sup> 52 <sup>s</sup> .00 corrigirt cf. Publ. XVIII der A. G.
2382	92 371	Pola, J. Palisa	B. D. 1667	11.1	58' 0	
2383	81 70	Berlin, Tietjen	Helsingfors A. G. C. 5611	30.63	43" 6	
2384	85 199	Leiden, Valentiner	Arg.-Oeltzen 9118	30.78	43.0	
2385	94 291	Berlin, Tietjen	Paris Cat, 10539	43.61	32.3	
2386	72 113	Berlin, Romberg	Berlin A. G. C. B. 3442	53.13	29.9	
2387	94 297	Kremsmünster	Weisse, 654 B. Z. 277	57.56	39.2	
2388	108 389	Strassburg, Schur	Cordoba Zonen Cat. 2430	5.99	39.5	{ Cambr. (M.) A. G. C. 3192, 42 <sup>s</sup> .06, 37" 4; 7 <sup>m</sup> .0 Siehe Noten. E. B. — 0 <sup>s</sup> .0020 — 0" 007 nach Cambr. A. G. C.
2389	112 395	Cap	Paris Cat, 10548	14.05	27.8	
2390	69 71	Berlin, Romberg	B. B. VI 1770	18.92	54.3	
2391	81 70	Berlin, Tietjen	Radcliffe Cat. I 2176	42.14	38.3	
2392	85 199	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 5625	14.90	23.4	
2393	81 70	Berlin, Tietjen	Arg.-Oeltzen 9143-4	14.59	22.9	
2394	94 293	Berlin, Tietjen	Weisse, 714-5 B. Z. 274, 281	31.66	30.4	
2395	78 367	Leipzig, Engelmann	Paris Cat, 10576	36.74	5.3	Stern schwach. E.B. { — 0 <sup>s</sup> .0308 — 0" 372 nach Helsingf. A. G. C. — 0.030 — 0.36 » Porter Cat. Prop. Mot. 477.
2396	69 71	Berlin, Romberg	Paris Cat, 10579	38.48	25.1	
2397	111 173	Berlin, Knorre	B. D. 1966	2.3	11' 3	
2398	88 21	Berlin, Knorre	Helsingfors A. G. C. 5631	10.12	6" 0	
2399	81 154	Leiden, Valentiner	B. D. 1860	16.3	7' 5	
2400	79 138	Leiden, Valentiner	.....	.....	.....	

NUM- MER.	NUMMER der nördl. u. süd- Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
2401	+ 3° 2022	9.4	....	9.4	81.1	81.0	8 <sup>h</sup> 31 <sup>m</sup> 25 <sup>s</sup> 20	..	+ 3 <sup>s</sup> 1288	-0 <sup>s</sup> 0054	0 <sup>s</sup> 0000	+ 3° 4' 4" 3	..	12" 307	-0" 355	+ 0" 12
2402	» »	»	....	...	81.23	80.0	25.25	3	»	»	»	1.6	2	»	»	»
2403	+ 20 2138	8.4	8.3	8	67.25	68.0	31 26.02	1	3.4654	-0.0131	-0.002	+20 25 34.3	1	12.307	0.394	0.17
2404	» »	»	8.3	8.3	86.24	86.0	26.10	2	»	»	»	33.3	2	»	»	»
2405	+ 47 1602	9.5	9-10	9.5	78.12	75.0	31 28.89	2	4.2201	-0.0397	-0.010	+47 24 13.1	2	12.311	0.480	0.28
2406	+ 67 556	9.3	....	9.3	74.7	74.0	31 40.47	..	5.5553	-0.1185	-0.011	+66 59 11.5	..	12.324	0.634	0.57
2407	+ 9 2020	8.8	....	9	72.18	72.0	31 43.55	2	3.2528	-0.0080	0.000	+ 9 43 6.0	2	12.328	0.369	0.13
2408	+ 21 1879	9.3	....	8	77.18	77.0	31 47.91	2	3.4817	-0.0136	-0.002	+21 13 30.4	2	12.333	0.395	0.19
2409	+ 20 2141	8.5	8.5	8-9	67.25	68.0	31 52.10	1	3.4650	-0.0132	-0.002	+20 26 12.9	1	12.337	0.393	0.16
2410	+ 20 2143	8.0	7.0	7-8	67.25	68.0	31 55.07	1	3.4582	-0.0130	-0.002	+20 6 52.0	1	12.341	0.392	0.16
2411	+ 18 2007	9.5	9	9.5	78.12	75.0	31 58.94	1	3.4325	-0.0123	-0.002	+18 52 45.4	1	12.345	0.389	0.16
2412	... ..	...	....	11	79.05	77.0	32 27.92	2	3.4840	-0.0137	-0.002	+21 22 33.6	2	12.379	0.394	0.16
2413	+ 16 1789	8.0	8.9	...	65.03	65.0	32 37.78	1	3.3853	-0.0112	-0.002	+16 34 53.8	1	12.390	0.382	0.13
2414	- 13 2627	9.5	....	9.5	74.1	73.0	33 4.61	3	2.8230	-0.0006	+0.002	-13 21 23.4	3	12.421	0.318	0.09
2415	+ 23 1988	9.2	9	...	67.22	65.0	33 7.02	1	3.5372	-0.0153	-0.003	+23 53 43.6	1	12.424	0.400	0.17
2416	- 13 2630	10	....	10	74.1	73.0	33 28.23	3	2.8233	-0.0006	+0.002	-13 21 28.8	3	12.448	0.317	0.09
2417	+ 14 1945	9.0	....	...	72.05	71.0	33 29.03	1	3.3501	-0.0103	-0.001	+14 50 47.2	1	12.449	0.378	0.13
2418	» »	»	....	9	71.03	70.0	29.11	1	»	»	»	47.6	1	»	»	»
2419	+ 20 2178	7.0	7.0	7	67.19	68.0	34 2.41	2	3.4721	-0.0136	-0.002	+20 55 8.1	2	12.487	0.391	0.17
2420	+ 16 1792	9.0	....	9.0	80.10	80.0	34 8.47	2	3.3714	-0.0109	-0.001	+15 57 48.6	2	12.494	0.379	0.13
2421	- 13 2638	8.2	....	...	78.2	73.0	34 18.21	4	2.8227	-0.0006	+0.002	-13 25 41.0	4	12.505	0.316	0.09
2422	+ 59 1187	9.0	....	9.0	71.73	70.0	34 30.09	4	4.8708	-0.0749	-0.010	+59 51 19.2	4	12.518	0.549	0.41
2423	» »	»	....	...	73.16	73.0	30.32	2	»	»	»	19.0	2	»	»	»
2424	+ 17 1910	9.5	....	9.6	79.13	77.0	34 56.32	2	3.4088	-0.0120	-0.002	+17 53 11.5	2	12.549	0.383	0.16
2425	+ 19 2084	8.0	8.0	8	68.16	68.0	35 2.37	2	3.4389	-0.0127	-0.001	+19 22 44.2	2	12.555	0.386	0.17
2426	+ 13 1968	9.4	....	9.4	80.17	80.0	35 21.77	2	3.3139	-0.0096	-0.001	+13 3 43.2	2	12.577	0.371	0.14
2427	+ 13 1969	9.0	....	9-10	85.1	85.0	35 23.95	2	3.3284	-0.0099	-0.001	+13 49 18.8	2	12.580	0.373	0.14
2428	+ 13 1970	9.3	....	9.3	80.17	80.0	35 27.78	2	3.3142	-0.0096	-0.001	+13 4 59.5	2	12.584	0.371	0.14
2429	.....	...	....	64	77.21	75.0	35 43.94	3	2.2051	+0.0027	+0.004	-39 49 19.2	3	12.602	0.245	0.05
2430	+ 16 1802	8.0	....	8	72.16	72.0	35 51.52	1	3.3880	-0.0114	-0.001	+16 53 45.1	1	12.610	0.379	0.13
2431	» »	»	....	8.2	72.05	71.0	51.57	1	»	»	»	43.6	1	»	»	»
2432	+ 21 1896	8.7	....	8	77.26	77.0	36 4.36	1	3.4720	-0.0137	-0.001	+21 2 50.5	1	12.625	0.388	0.17
2433	+ 21 1897	9.2	....	9.2	81.1	81.0	36 9.66	..	3.4903	-0.0143	-0.001	+21 55 42.6	..	12.631	0.390	0.17
2434	+ 25 1977	8.9	....	9	70.13	70.0	36 22.12	2	3.5616	-0.0164	-0.002	+25 14 50.1	2	12.646	0.398	0.13
2435	+ 55 1292	9.2	9.5	...	73.70	73.0	36 39.43	2	4.5814	-0.0596	-0.007	+55 30 58.4	2	12.665	0.512	0.33
2436	+ 81 272	9.3	....	10.0	82.21	81.0	36 47.42	3	9.7666	-0.6609	+0.374	+81 12 7.5	3	12.674	1.098	2.33
2437	+ 42 1922	8.2	....	9	81.24	81.0	36 54.98	1	4.0095	-0.0324	-0.006	+42 8 37.7	1	12.683	0.447	0.23
2438	» »	»	8.5	8.6	67.24	67.0	55.23	2	»	»	»	44.6	2	»	»	»
2439	+ 42 1923	9.0	9.2	8.9	67.24	67.0	36 56.07	1	4.0097	-0.0324	-0.006	+42 9 16.3	1	12.684	0.447	0.23
2440	+ 16 1805	8.6	....	...	65.12	65.0	37 6.40	2	3.3765	-0.0113	-0.001	+16 22 51.8	2	12.696	0.376	0.16

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
2401	101 281	Kremsmünster	B. B. VI 2022	25 <sup>s</sup> 22	4" 7	
2402	111 53, 101 281	Hamburg, Schrader	.....	.....	.....	
2403	78 367	Leipzig, Engelmann	Paris Cat <sub>2</sub> 10593	26.03	33.9	Berlin A. G. C. B. 3459, 26 <sup>s</sup> .12, 33" .1; 8 <sup>m</sup> .3.
2404	Public. XVIII der A. G.	Pulkowa, Romberg	Yarnall 3597	26.24	33.2	Controlestern. A. N. $\delta + 10'$ corr. cf. Publ. XVIII der A. G.
2405	92 371	Pola, J. Palisa	B. D. 1602	28.6	23' 5	
2406	85 10	Kremsmünster	B. B. VI 556	39.88	13" 0	
2407	81 154	Leiden, Valentiner	Schjellerup 3172	43.33	6.1	
2408	94 295	Berlin, Tietjen	Weisse, 754 B. Z. 278	47.51	32.0	Berlin A. G. C. B. 3463, 47 <sup>s</sup> .79, 32" .0; 8 <sup>m</sup> .9.
2409	78 367	Leipzig, Engelmann	Paris Cat <sub>2</sub> 10601	51.83	14.2	Berlin A. G. C. B. 3464, 51 <sup>s</sup> .83, 12" .6; 8 <sup>m</sup> .2.
2410	78 367	Leipzig, Engelmann	Paris Cat <sub>2</sub> 10606	55.22	51.6	Berlin A. G. C. B. 3469, 55 <sup>s</sup> .24, 50" .9; 8 <sup>m</sup> .0. { E. B. — 0 <sup>s</sup> .0006 + 0" .001 nach Berl. A. G. C.
2411	92 245	Pola, J. Palisa	B. D. 2007	0.3	53' 4	
2412	94 295	Kremsmünster	Markree Cat. Vol. III p. 68	27.1	22.6	
2413	69 71	Berlin, Romberg	Rümker 2607	37.77	52" 2	
2414	84 21	Washington	B. D. 2627	4.1	21' 4	
2415	72 113	Berlin, Romberg	Kam 1440	7.06	43" 1	Berlin A. G. G. B. 3487, 6 <sup>s</sup> .94, 42" .3; 9 <sup>m</sup> .0.
2416	84 21	Washington	B. D. 2630	27.2	21' 4	
2417	79 138	Leiden, Valentiner	Kam 1442	29.11	49" 8	
2418	77 266	Leiden, Becker	Weisse, 841 B. Z. 62	29.42	47.9	Paris Cat <sub>2</sub> 10643, 28 <sup>s</sup> .61, Declin fehlt.
2419	78 367	Leipzig, Engelmann	Paris Cat <sub>2</sub> 10656	2.40	7.0	Berlin A. G. C. B. 3502, 2 <sup>s</sup> .45, 7" .8; 6 <sup>m</sup> .3.
2420	98 133	Pola, J. Palisa	B. D. 1792	8.3	57' 0	
2421	92 266	Washington	Wash. Obs. 1878 p. 153, [Nr. 159]	18.07	43" 1	
2422	81 71	Berlin, Tietjen	B. D. 1187	29.4	51' 0	
2423	85 199	Leiden, E. Bakhuyzen [u. Valentiner]	.....	.....	.....	
2424	94 293	Kremsmünster	B. B. VI 1910	55.93	7" 3	
2425	78 367	Leipzig, Engelmann	Paris Cat <sub>2</sub> 10687	2.24	45.2	
2426	98 133	Pola, J. Palisa	B. D. 1968	22.5	3' 0	
2427	112 395	Cap	Paris Cat <sub>2</sub> 10691	23.90	17" 0	
2428	98 133	Pola, J. Palisa	B. D. 1970	28.7	4' 2	
2429	91 213	Pola, J. Palisa	Cordoba G. C. 11727	44.03	15" 5	
2430	81 154	Leiden, Valentiner	Paris Cat <sub>2</sub> 10701	51.67	45.6	
2431	79 138	Leiden, Valentiner	B. B. VI 1802	51.55	44.3	
2432	94 295	Berlin, Tietjen	Weisse, 889 B. Z. 278	4.80	49.9	Berlin A. G. C. B. 3517, 4 <sup>s</sup> .45, 50" .9; 8 <sup>m</sup> .0.
2433	101 281	Kremsmünster	B. B. VI 1897	9.46	38.8	
2434	81 71	Berlin, Tietjen	Weisse, 896 B. Z. 341	22.35	49.8	
2435	83 135 u. 191	Wien, Holetschek	Greenw. 12 Y. Cat. 776	39.15	50.6	Greenw. 6 Y. Cat. 632, 39 <sup>s</sup> .51 scharfe $\delta$ fehlt; Grösse ?
2436	104 307	Strassburg	Redhill Cat. 1258	50.2	8.2	
2437	100 226	Neapel Nobile	Paris Cat <sub>2</sub> 10726	54.95	38.7	{ $\Sigma$ 1263 praec. Bonn A. G. C. 6761, 55 <sup>s</sup> .02, 37" .2; 8 <sup>m</sup> .3. } E. B. S. Noten
2438	70 287, 71 175	Leipzig, Engelmann	Pulkowa Cat. 1875.0, 1949	55.07	38.9	
2439	70 287, 71 175	Leipzig, Engelmann	Pulkowa Cat. 1875.0, 1950	56.20	15.0	
2440	69 71	Berlin, Romberg	B. D. 1805	5.2	22' 8	$\Sigma$ 1263 seq. Bonn A. G. C. 6764, 56 <sup>s</sup> .24, 13" .9; 8 <sup>m</sup> .7

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
2441	+ 60° 1154	9.5	....	...	73.28	73.0	8h 38m 19s 36	2	+ 48547	-0.0764	-0.006	+59° 58' 9" 5	2	12" 778	-0" 540	+ 0" 42
2442	» »	»	9.5	...	74.17	70.0	19.75	2	»	»	»	6.3	2	»	»	»
2443	+ 59 1191	9.5	....	9.5	73.41	73.0	38 42.03	3	4.8361	-0.0755	-0.006	+59 44 30.4	3	12.803	0.537	0.42
2444	.....	»	9.5	...	74.16	70.0	42.21	2	»	»	»	31.3	2	»	»	»
2445	+ 0 2376	8.5	....	10	70.95	70.0	38 51.68	1	3.0750	-0.0045	+0.001	+ 0 9 12.1	1	12.814	0.339	0.12
2446	» »	»	....	9	72.05	71.0	51.87	1	»	»	»	12.4	1	»	»	»
2447	+ 0 2380	8.5	....	10	71.17	71.0	39 0.49	1	3.0765	-0.0046	+0.001	+ 0 14 4.6	1	12.824	0.339	0.12
2448	» »	»	8.7	9	71.23	71.0	0.50	3	»	»	»	6.9	3	»	»	»
2449	» »	»	....	8-9	67.2	67.0	0.74	1	»	»	»	5.2	1	»	»	»
2450	+ 13 1981	8.7	....	9	85.1	85.0	39 5.04	2	3.3231	-0.0100	-0.001	+13 43 15.1	2	12.829	0.367	0.13
2451	+ 18 2034	8.3	....	7-8	72.17	72.0	39 5.67	1	3.4187	-0.0125	-0.001	+18 38 1.0	1	12.830	0.378	0.12
2452	+ 18 2040	9.5	10	9.5	78.12	75.0	39 49.08	1	3.4167	-0.0125	-0.001	+18 34 39.3	1	12.878	0.376	0.12
2453	+ 16 1816	9.3	9.1	9.3	65.10	65.0	39 51.29	2	3.3718	-0.0113	-0.001	+16 17 47.7	2	12.881	0.371	0.13
2454	.....	....	....	6.3	77.21	75.0	40 3.11	3	2.3091	+0.0030	+0.004	-36 41 40.9	3	12.894	0.252	0.09
2455	+ 18 2042	9.3	....	...	72.18	72.0	40 26.31	2	3.4214	-0.0127	-0.001	+18 51 9.6	2	12.920	0.376	0.12
2456	- 0 2063	9.2	....	10.0	72.05	71.0	40 27.24	1	3.0665	-0.0044	+0.001	- 0 19 19.1	1	12.921	0.336	0.12
2457	.....	....	....	8½	82.8	82.0	40 42.24	..	2.6128	+0.0018	+0.003	-24 13 1.6	..	12.938	0.286	0.08
2458	- 11 2457	9.7	9	9.7	74.11	70.0	41 8.01	2	2.8544	-0.0009	+0.002	-12 3 17.3	2	12.966	0.312	0.12
2459	+ 22 1996	9.4	....	9-10	70.13	70.0	41 29.33	2	3.4841	-0.0146	-0.001	+22 1 6.3	2	12.990	0.382	0.12
2460	+ 49 1776	8.2	....	8-9	69.1	68.0	41 51.99	3	4.2762	-0.0459	-0.005	+49 48 32.1	3	13.015	0.469	0.13
2461	- 0 2069	7.3	7.3	7-8	71.23	71.0	42 15.47	3	3.0619	-0.0043	+0.001	- 0 35 4.9	3	13.041	0.333	0.12
2462	» »	»	....	7.3	67.2	67.0	15.52	4	»	»	»	7.2	4	»	»	»
2463	» »	»	....	7.3	70.99	70.0	15.54	2	»	»	»	5.7	2	»	»	»
2464	+ 59 1197	9.5	....	9.5	71.61	70.0	42 57.04	3	4.8106	-0.0766	-0.003	+59 46 6.3	3	13.087	0.526	0.42
2465	- 12 2686	8.5	8	8-9	74.11	70.0	43 7.28	2	2.8520	-0.0008	+0.002	-12 16 25.1	2	13.099	0.309	0.12
2466	+ 59 1198	6.5	....	6.4	73.16	73.0	43 12.57	2	4.7918	-0.0756	-0.003	+59 31 20.6	2	13.105	0.524	0.42
2467	+ 52 1343	6.8	....	7-8	81.7	81.0	44 0.31	3	4.4043	-0.0534	-0.003	+52 51 22.3	3	13.157	0.479	0.12
2468	+ 21 1926	8.8	....	8-9	81.13	80.0	44 10.15	3	3.4704	-0.0145	-0.001	+21 32 46.6	3	13.168	0.376	0.12
2469	» »	»	8.0	8.3	86.23	86.0	10.15	2	»	»	»	46.8	2	»	»	»
2470	» »	»	8.8	9	81.21	81.0	10.25	2	»	»	»	47.8	2	»	»	»
2471	+ 16 1834	9.1	9	9	66.74	65.0	44 42.57	2	3.3728	-0.0117	-0.001	+16 37 48.9	2	13.203	0.365	0.12
2472	+ 20 2229	9.0	....	8	77.16	77.0	44 52.27	2	3.4437	-0.0137	-0.001	+20 16 28.8	2	13.214	0.372	0.12
2473	+ 54 1261	8.8	8.7	9	73.70	73.0	44 55.95	2	4.4966	-0.0589	-0.003	+54 46 59.7	2	13.218	0.488	0.12
2474	» »	»	9	8.6	75.17	80.0	56.00	2	»	»	»	54.6	2	»	»	»
2475	+ 60 1156	9.0	....	9.1	73.51	73.0	45 21.05	1	4.8058	-0.0778	-0.001	+59 55 36.9	1	13.246	0.520	0.42
2476	+ 13 2007	8.3	8.9	8.5	64.14	65.0	45 31.39	2	3.3169	-0.0102	0.000	+13 42 17.5	2	13.257	0.357	0.12
2477	+ 19 2119	8.2	....	7-8	77.12	77.0	46 12.98	2	3.4323	-0.0135	-0.001	+19 47 32.3	2	13.303	0.369	0.12
2478	+ 1 2189	9.2	....	9.2	81.1	81.0	46 23.84	..	3.0962	-0.0050	+0.001	+ 1 22 21.1	..	13.314	0.331	0.12
2479	+ 20 2232	7.2	....	7	72.18	72.0	46 46.12	2	3.4443	-0.0139	0.000	+20 26 18.0	2	13.338	0.369	0.12
2480	» »	»	....	6.9	77.16	77.0	46.17	2	»	»	»	17.3	2	»	»	»

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2441	85 199	Leiden, Valentiner	A. N. 78, 357 mikr. Anschluss	19 <sup>s</sup> 27	8'' 2	
2442	84 231	Berlin, Knorre	.....	.....	.....	
2443	85 199	Leiden, E. Bakhuyzen	B. D. 1191	41.6	45' 2	
2444	84 231	Berlin, Knorre	.....	.....	.....	
2445	77 266	Leiden, Becker	Harvard Zones 46 u. 47 Nr. 49	51.87	12'' 1	
2446	79 138	Leiden, Valentiner	M <sub>1</sub> 3483	52.07	14.2	
2447	79 138	Leiden, Becker	Harvard Zones 46 u. 47 Nr. 50	0.49	5.9	
2448	79 75	Leipzig, Engelmann	M <sub>1</sub> 3486	0.60	7.0	
2449	78 64, 74 247	Königsberg, Lorek	Weisse, 983 B. Z. 208	0.50	4.7	
2450	112 395	Cap	Weisse, 979 B. Z. 62	5.20	22.4	Siehe Noten.
2451	81 154	Leiden, Valentiner	Paris Cat, 10767	5.79	0.6	
2452	92 245	Pola, J. Palisa	B. D. 2040	48.8	34' 6	Siehe Noten.
2453	69 71	Berlin, Romberg	B. D. 1816	51.4	17.7	
2454	91 213	Pola, J. Palisa	Cordoba G. C. 11856	3.28	39'' 5	
2455	81 154	Leiden, Valentiner	Kam 1465	26.44	9.0	
2456	79 138	Leiden, Valentiner	M <sub>2</sub> 2385	27.34	19.5	Siehe Noten.
2457	104 63	Washington	Cordoba Zonen Cat. 3345	43.04	20.3	
2458	84 231	Berlin, Knorre	B. D. 2457	8.3	3' 8	
2459	81 71	Berlin, Tietjen	Weisse, 1014 B. Z. 278	29.16	8'' 5	Berlin A. G. C. B. 3550, 29 <sup>s</sup> 33, 6'' 0; 9 <sup>m</sup> . 3.
2460	74 248	Königsberg, Lorek	Arg.-Oeltzen 9333	51.62	24.4	{ Cambr. (M.) A. G. C. 3232, 51 <sup>s</sup> . 87, 26'' 0; 8 <sup>m</sup> . 0. Bonn A. G. C. 6803, 51. 96, 26. 1; 8. 3. [E. B. + 0 <sup>s</sup> . 0056 + 0'' 068 nach Cambr. A. G. C.]
2461	79 75	Leipzig, Engelmann	Paris Cat, 10819	15.42	5.4	
2462	78 64, 74 247	Königsberg, Lorek	Göttingen Cat. I 3033-4	15.61	4.8	
2463	77 266	Leiden, Becker und [Valentiner	Karlsruhe II, p. 187	15.51	5.0	
2464	81 71	Berlin, Tietjen	B. D. 1197	54.1	45' 5	
2465	84 231	Berlin, Knorre	Weisse, 1096 B. Z. 231	7.33	27'' 8	
2466	85 199	Leiden, Valentiner	Helsingfors A. G. C. 5717	12.57	20.1	
2467	105 183, 108 184, 111 221	Königsberg	Paris Cat, 10859	0.19	21.2	Cambridge (M.) A. G. C. 3237, 0 <sup>s</sup> . 43, 20'' 4; 6 <sup>m</sup> . 7.
2468	111 53	Hamburg, Schrader	Paris Cat, 10864	10.31	45.7	
2469	Public. XVIII der A. G.	Pulkowa, Romberg	Berlin A. G. C. B. 3564	10.13	46.8	Controlestern.
2470	102 297, 111 223	Berlin, Leman	Lalande 17414	10.12	49.7	A. N. Declin. — 1' corrigirt cf. Publ. XVIII der A. G.
2471	69 71	Berlin, Romberg	Weisse, 1089 B. Z. 273	42.83	45.8	
2472	94 293	Berlin, Tietjen	Paris Cat, 10883	52.33	27.0	Berlin A. G. C. B. 3569, 52 <sup>s</sup> . 33, 28'' 1; 8 <sup>m</sup> . 2.
2473	88 135 u. 191	Wien, Holetschek	Arg.-Oeltzen 9376	55.75	52.8	
2474	88 21	Berlin, Becker und [Knorre	Cambridge (M.) A. G. C. 3243	55.98	54.8	
2475	85 199	Leiden, Valentiner	Helsingfors A. G. C. 5731	21.51	37.4	
2476	69 71	Berlin, Romberg	Yarnall 3816	31.39	18.0	A. N. Declin. + 1 <sup>o</sup> corrigirt. cf. Publ. XVIII der A. G.
2477	94 293	Berlin, Tietjen	Paris Cat, 10915	12.95	31.6	
2478	101 281	Kremsmünster	Albany A. G. C. 3571	23.66	20.5	
2479	81 154	Leiden, Valentiner	Paris Cat, 10929	46.20	17.4	
2480	94 293	Berlin, Tietjen	Berlin A. G. C. B. 3580	46.16	17.6	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
2481	+ 59° 1202	8.5	....	8.4	73.35	73.0	8h 46m 48s 30	3	+ 4s 7936	-0s 0780	0s 000	+59° 53' 26" 2	3	13" 341	-0" 516	+ 0" 4
2482	— 1 2152	9.5	....	9.5	71.61	71.0	47 9.93	2	3.0477	-0.0041	+0.001	— 1 24 46.7	2	13.364	0.326	0.12
2483	+ 14 1990	8.9	....	8.9	80.10	80.0	47 25.96	2	3.3373	-0.0109	0.000	+14 54 11.8	2	13.382	0.357	0.15
2484	+ 59 1204	9.5	....	9.5	73.16	73.0	47 27.52	2	4.7712	-0.0769	+0.001	+59 37 43.2	2	13.384	0.512	0.42
2485	» »	»	9.5	...	74.16	70.0	27.74	2	»	»	»	41.4	2	»	»	»
2486	+ 10 1901	9.0	....	9-10	71.25	71.0	47 31.20	2	3.2617	-0.0089	+0.001	+10 46 27.0	2	13.388	0.348	0.14
2487	+ 16 1847	9.0	....	8-9	66.69	65.0	47 34.47	1	3.3605	-0.0115	0.000	+16 9 17.3	1	13.390	0.359	0.16
2488	— 1 2154	8.8	....	8.8	72.05	71.0	47 51.73	1	3.0375	-0.0039	+0.002	— 2 0 13.3	1	13.410	0.324	0.12
2489	» »	»	....	9	70.13	70.0	51.85	2	»	»	»	14.3	2	»	»	»
2490	» »	»	....	9	72.12	72.0	51.86	1	»	»	»	14.1	1	»	»	»
2491	+ 6 2059	9.5	....	9.5	80.17	80.0	48 6.90	2	3.1756	-0.0068	+0.001	+ 5 56 24.3	2	13.426	0.338	0.14
2492	+ 20 2238	9.1	9.0	9.1	73.23	73.0	48 15.42	2	3.4369	-0.0138	0.000	+20 10 30.0	2	13.435	0.366	0.17
2493	» »	...	....	...	73.24	70.0	15.49	3	»	»	»	27.2	3	»	»	»
2494	.....	...	....	9-10	85.1	85.0	48 41.25	2	3.3094	-0.0102	0.000	+13 27 49.3	2	13.463	0.352	0.16
2495	+ 16 1858	8.2	8.0	8	73.23	73.0	49 5.45	1	3.3597	-0.0116	0.000	+16 12 5.1	1	13.490	0.357	0.16
2496	— 2 2737	7.0	....	7-8	70.16	70.0	49 21.93	2	3.0323	-0.0038	+0.002	— 2 18 56.5	2	13.507	0.321	0.15
2497	» »	»	....	8	70.99	70.0	21.95	2	»	»	»	57.4	2	»	»	»
2498	+ 20 2243	Var.	....	Var.	73.23	70.0	49 31.69	2	3.4381	-0.0140	0.000	+20 19 33.8	2	13.518	0.365	0.18
2499	+ 17 1979	6.8	7.0	7	84.00	80.0	50 6.47	2	3.3852	-0.0124	0.000	+17 37 22.9	3	13.555	0.358	0.16
2500	+ 15 1945	5.7	....	6-7	65.10	65.0	50 16.52	2	3.3509	-0.0115	0.000	+15 48 2.8	2	13.566	0.354	0.16
2501	+ 0 2430	8.0	....	8.2	81.1	81.0	50 20.14	..	3.0871	-0.0049	+0.002	+ 0 52 5.3	..	13.570	0.326	0.12
2502	» »	»	....	8.3	81.15	80.0	20.18	4	»	»	»	5.0	4	»	»	»
2503	+ 59 1209	8.3	....	8.4	73.27	73.0	50 23.29	3	4.7591	-0.0780	+0.003	+59 44 19.9	3	13.574	0.505	0.42
2504	+ 20 2247	9.3	9.0	9	73.24	73.0	50 34.20	2	3.4513	-0.0138	0.000	+20 3 21.7	2	13.585	0.362	0.18
2505	+ 3 2101	8.8	9	8.8	67.13	65.0	50 50.53	1	3.1384	-0.0060	+0.002	+ 3 51 21.4	1	13.603	0.330	0.15
2506	+ 3 2103	9.0	8.0	8.7	65.13	65.0	51 17.09	2	3.1394	-0.0061	+0.002	+ 3 55 0.0	2	13.631	0.330	0.14
2507	+ 19 2135	9.1	9.0	9	73.24	73.0	51 43.85	2	3.4183	-0.0135	0.000	+19 28 16.9	2	13.660	0.359	0.18
2508	+ 13 2019	9.0	....	9	85.1	85.0	52 4.84	2	3.3061	-0.0103	0.000	+13 27 8.5	2	13.682	0.347	0.15
2509	+ 26 1875	9.1	9.1	9.1	66.26	65.0	52 17.84	1	3.5490	-0.0178	0.000	+26 1 7.0	1	13.696	0.372	0.19
2510	.....	...	....	9.5	80.10	80.0	52 37.26	2	4.6569	-0.0727	+0.002	+58 23 23.1	2	13.717	0.490	0.50
2511	+ 15 1953	8.5	8.9	8-9	65.11	65.0	52 53.82	2	3.3450	-0.0114	0.000	+15 38 21.2	2	13.734	0.349	0.16
2512	+ 19 2138	9.4	....	9.4	73.25	70.0	53 11.24	3	3.4152	-0.0136	0.000	+19 24 59.3	3	13.753	0.356	0.18
2513	+ 52 1358	8.2	8.2	8	82.23	81.0	53 53.75	2	4.3495	-0.0547	-0.001	+52 46 44.4	2	13.798	0.454	0.34
2514	+ 0 2442	8.2	....	9	81.16	80.0	54 4.94	3	3.0831	-0.0048	+0.002	+ 0 38 35.8	4	13.810	0.320	0.17
2515	+ 20 2256	9.3	....	9	73.23	70.0	54 48.23	2	3.4398	-0.0145	+0.001	+20 49 25.4	2	13.855	0.357	0.18
2516	.....	...	....	5.2	77.21	75.0	55 25.48	3	2.2410	+0.0039	+0.005	-40 46 8.4	3	13.894	0.230	0.09
2517	+ 26 1891	8.7	9	9	65.74	65.0	55 57.96	2	3.5404	-0.0180	+0.001	+25 56 57.3	2	13.929	0.364	0.19
2518	+ 19 2143	8.9	....	9	79.05	77.0	55 59.20	2	3.4159	-0.0138	+0.001	+19 39 45.1	2	13.930	0.352	0.18
2519	.....	...	10	...	80.10	80.0	56 8.14	2	4.5685	-0.0690	+0.005	+57 16 58.5	2	13.939	0.473	0.38
2520	+ 19 2147	8.5	....	9	77.13	77.0	56 48.05	2	3.4056	-0.0136	+0.001	+19 10 50.0	2	13.981	0.350	0.18



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2481	85 199	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 5738	48 <sup>s</sup> 31	27 <sup>"</sup> 8	
2482	79 138	[u. Valentiner] Leiden, E. Bakhuyzen	B. B. VI 2152	9.72	44.6	
2483	98 133	[u. Valentiner] Pola, J. Palisa	B. D. 1990	25.4	53' 5	
2484	85 198	Leiden, E. Bakhuyzen	B. D. 1204	28.6	37.5	
2485	84 231	[u. Valentiner] Berlin, Knorre	.....	....	....	
2486	78 201, 79 108	Cambr. (M) Rogers	Weisse <sub>1</sub> 1205 B.Z. 65	30.91	28 <sup>"</sup> 6	
2487	69 71	Berlin, Romberg	Weisse <sub>2</sub> 1152 B.Z. 273	34.15	16.0	
2488	79 138	Leiden, Valentiner	Göttingen Cat. I 3060-1	51.96	13.6	
2489	81 71	Berlin, Tietjen	M <sub>1</sub> 3633	51.90	15.4	
2490	81 155	Leiden, Valentiner	Trettenero 357	51.70	14.0	
2491	98 133	Pola, J. Palisa	B. D. 2059	5.5	56' 7	
2492	81 303, 82 123, 84 178	Leipzig, Engelmann	B. D. 2238	14.9	9.3	A. N. 82 A. R. 0 <sup>s</sup> .13 kleiner Declin. 0 <sup>"</sup> .4 südlicher.
2493	84 242	Berlin, Tietjen	.....	....	....	
2494	112 295	Cap	Leiden mikrom. Anschluss	40.1	27.8	Siehe Noten.
2495	83 135	Wien, Holetschek	Weisse <sub>2</sub> 1190 B.Z. 273	5.31	7 <sup>"</sup> 1	
2496	81 71	Berlin, Tietjen	Santini <sub>2</sub> — 2° 166	21.99	0.2	A. N. Declin. + 17 <sup>"</sup> .6 corrigirt. Siehe Noten.
2497	77 266	Leiden, Becker	Glasgow Cat. I 2291	22.09	57.7	
2498	84 242	Berlin, Tietjen	Kam 1497	31.64	35.7	Berlin A. G. C. B. 3600, 31 <sup>s</sup> .65, 33 <sup>"</sup> .9; Var. T Cancr.
2499	111 173	Berlin, Knorre	Glasgow Cat. I 2294	6.45	22.2	E. B. — 0 <sup>s</sup> .0056 — 0 <sup>"</sup> .007 nach Berlin A. G. C.
2500	69 71	Berlin, Romberg	Paris Cat <sub>2</sub> 11003	16.52	1.9	
2501	101 281	Kremsmünster	Albany A. G. C. 3605	20.20	6.2	
2502	111 53	Hamburg, Schrader	M <sub>2</sub> 2465	20.11	6.1	
2503	85 199	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 5770	23.30	21.0	
2504	81 303, 84 178	[u. Valentiner] Leipzig, Engelmann	Weisse <sub>2</sub> 1220 B.Z. 277	34.02	21.9	Berlin A. G. C. B. 3608, 34 <sup>s</sup> .14, 19 <sup>"</sup> .7; 9 <sup>m</sup> .4.
2505	69 71	Berlin, Romberg	Albany A. G. C. 3610	50.59	18.9	
2506	69 71, 91 107	Berlin, Romberg	Albany A. G. C. 3613	16.94	59.0	Weisse <sub>1</sub> 1297 B.Z. 151, 17 <sup>s</sup> .14, 2 <sup>"</sup> .9; 9 <sup>m</sup> .
2507	81 303 84 178	Leipzig, Engelmann	Weisse <sub>2</sub> 1254 B.Z. 277	43.93	15.3	
2508	85 395	Cap	Schjellerup 3297	4.66	9.5	
2509	69 71	Berlin, Romberg	B. B. VI 1875	17.42	4.8	
2510	98 135	Pola, J. Palisa	Leiden, mikrom. Anschluss	37.8	23' 4	Siehe Noten.
2511	69 71	Berlin, Romberg	Weisse <sub>2</sub> 1280 B.Z. 273	53.91	16 <sup>"</sup> 6	
2512	84 242	Berlin, Tietjen	B. D. 2138	11.4	25' 2	
2513	108 184	Pulkowa, Romberg	Arg.-Oeltzen 9504	53.55	49 <sup>"</sup> 0	Cambr. (M) 3278, 53 <sup>s</sup> .54, 46 <sup>"</sup> .0; 7 <sup>m</sup> .8.
2514	111 53, 102 287	Hamburg, Schrader	Paris Cat <sub>2</sub> 11063	4.89	37.4	
2515	84 242	Berlin, Tietjen	Weisse <sub>2</sub> 1314-5 B.Z. 277-8	48.25	25.6	Berlin A. G. C. B. 3630, 48 <sup>s</sup> .18, 24 <sup>"</sup> .8; 9 <sup>m</sup> .1.
2516	91 215	Pola, J. Palisa	Cordoba G. C. 12253	25.60	4.9	
2517	69 71	Berlin, Romberg	Weisse <sub>2</sub> 1341 B.Z. 347	58.19	54.2	
2518	94 295	Kremsmünster	Weisse <sub>2</sub> 1345 B.Z. 277	59.02	43.5	
2519	98 135	Pola, J. Palisa	Leiden, mikrom. Anschluss	5.5	17' 6	Siehe Noten.
2520	94 293	Berlin, Tietjen	Paris Cat <sub>2</sub> 11126	48.12	51 <sup>"</sup> 8	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle	Beob.	Pos.										
					1800 +											
2521	+ 81° 285	8.7	....	10	82.21	81.0	8h 57m 14s.67	5	+ 9s.4804	-0s.7302	+0s.828	+81°30' 32".6	5	14".009	-0".983	+ 2".42
2522	+ 59 1218	7.6	....	7.7	73.15	73.0	57 46.52	2	4.6847	-0.0777	0.007	+59 22 33.4	2	14.042	0.481	0.42
2523	- 3 2555	8.3	....	8-9	70.95	70.0	58 9.85	1	3.0135	-0.0033	0.003	- 3 31 44.7	1	14.066	0.307	0.12
2524	» »	»	....	8-9	72.05	71.0	9.89	2	»	»	»	44.2	2	»	»	»
2525	+ 19 2153	8.0	....	8	70.13	70.0	58 23.02	2	3.4175	-0.0141	0.001	+19 55 57.1	2	14.080	0.349	0.18
2526	+ 15 1975	8.9	....	8.9	70.16	70.0	58 39.78	2	3.3322	-0.0114	0.001	+15 17 20.9	2	14.097	0.339	0.16
2527	+ 59 1220	8.7	....	8.9	73.25	73.0	58 42.49	2	4.6921	-0.0788	0.009	+59 35 31.1	2	14.100	0.480	0.42
2528	- 3 2562	8.2	....	8	72.05	71.0	58 43.62	2	3.0142	-0.0033	0.003	- 3 29 28.8	2	14.101	0.306	0.12
2529	+ 24 2038	8.5	....	8-9	84.3	84.0	58 49.86	..	3.5000	-0.0169	0.001	+24 14 20..	..	14.108	0.355	0.18
2530	+ 18 2118	9.5	....	9.5	73.85	70.0	58 53.95	1	3.3862	-0.0131	0.001	+18 17 16.6	1	14.112	0.345	0.18
2531	+ 20 2265	7.8	....	8	73.24	70.0	59 25.05	2	3.4288	-0.0145	0.001	+20 37 3.6	2	14.144	0.348	0.18
2532	+ 21 1969	7.5	....	7-8	73.23	70.0	59 35.26	1	3.4361	-0.0148	0.001	+21 0 53.1	1	14.155	0.349	0.18
2533	+ 20 2266	9.3	....	9.3	74.03	73.0	59 38.34	2	3.4326	-0.0147	0.001	+20 50 12.1	2	14.158	0.348	0.18
2534	» »	»	....	...	73.24	70.0	38.43	3	»	»	»	10.8	3	»	»	»
2535	+ 18 2121	9.0	....	9	73.18	70.0	59 55.29	2	3.3819	-0.0130	0.001	+18 7 54.5	2	14.176	0.343	0.18
2536	+ 22 2055	8.8	....	8.8	70.16	70.0	0 22.62	2	3.4561	-0.0155	0.001	+22 7 49.8	2	14.204	0.350	0.18
2537	+ 17 2013	9.0	....	9.0	72.18	70.0	0 31.28	1	3.3626	-0.0125	0.001	+17 6 39.0	1	14.213	0.340	0.16
2538	» »	»	....	...	72.89	70.0	31.30	1	»	»	»	39.9	1	»	»	»
2539	+ 14 2030	9.1	8.7	9	73.24	73.0	0 40.82	2	3.3167	-0.0111	0.001	+14 32 2.8	2	14.222	0.335	0.16
2540	+ 21 1974	9.1	9	9	80.10	80.0	0 46.72	2	3.4414	-0.0151	0.001	+21 23 54.2	2	14.229	0.348	0.18
2541	» »	»	....	8.2	79.15	78.0	46.87	2	»	»	»	56.6	2	»	»	»
2542	+ 8 2165	8.2	8.9	8-9	66.21	65.0	0 57.56	2	3.2043	-0.0079	0.002	+ 7 59 16.6	2	14.240	0.323	0.15
2543	+ 34 1949	6.5	....	6.5	81.22	80.0	1 10.40	4	3.7160	-0.0255	0.000	+34 23 20.0	4	14.253	0.375	0.23
2544	» »	»	6.5	6-7	81.28	81.0	10.63	3	»	»	»	20.1	3	»	»	»
2545	- 3 2579	8.8	8.8	9	71.23	71.0	1 14.55	3	3.0072	-0.0032	0.003	- 3 57 18.8	3	14.257	0.302	0.12
2546	» »	»	....	10	72.12	72.0	14.77	1	»	»	»	18.4	1	»	»	»
2547	» »	»	....	...	70.98	70.0	14.95	1	»	»	»	20.3	1	»	»	»
2548	+ 17 2018	8.0	....	18	73.24	70.0	1 35.01	1	3.3630	-0.0126	0.001	+17 12 16.2	1	14.278	0.338	0.16
2549	» »	»	8.5	8	73.24	73.0	35.07	2	»	»	»	19.3	2	»	»	»
2550	+ 17 2019	9.0	9.0	9	73.24	73.0	1 51.03	2	3.3576	-0.0124	0.001	+16 55 27.8	2	14.294	0.337	0.16
2551	+ 52 1372	9.5	9-10	9.5	73.68	70.0	2 6.35	3	4.2967	-0.0552	0.004	+52 35 8.9	3	14.310	0.433	0.33
2552	+ 22 2060	8.7	7.8	8.6	65.08	65.0	2 9.07	2	3.4642	-0.0160	0.001	+22 42 55.6	2	14.313	0.348	0.19
2553	+ 20 2275	9.2	....	9	73.25	70.0	2 30.34	3	3.4201	-0.0145	0.001	+20 24 32.3	3	14.335	0.343	0.18
2554	+ 22 2065	7.9	....	7.9	70.25	70.0	3 19.69	3	3.4520	-0.0157	0.001	+22 10 41.1	3	14.385	0.345	0.18
2555	+ 64 724	9.0	....	8.9	79.6	79.0	3 39.50	4	4.9808	-0.1041	0.023	+64 1 4.1	2	14.405	0.499	0.50
2556	+ 49 1815	7.7	....	7-8	70.09	70.0	3 51.61	2	4.1689	-0.0485	0.002	+49 43 18.0	2	14.417	0.416	0.51
2557	+ 13 2050	9.0	....	9.3	85.1	85.0	3 58.14	2	3.2877	-0.0104	0.002	+13 3 47.1	2	14.424	0.327	0.16
2558	+ 19 2172	9.4	9	9.4	80.10	80.0	4 14.97	2	3.3930	-0.0137	0.001	+19 4 20.8	2	14.441	0.337	0.18
2559	» »	»	....	...	79.13	78.0	15.63	2	»	»	»	21.5	2	»	»	»
2560	.....	...	....	7	77.21	75.0	4 16.48	3	2.6338	+0.0028	0.005	-25 17 48.4	3	14.442	0.260	0.09

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2521	104 307	Strassburg	Fedorenko 1407	15 <sup>s</sup> 91	28" 7	Redhill Cat. 1311, 15 <sup>s</sup> .4, 33" 6; 9 <sup>m</sup> .4.
2522	85 199	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 5813	46.52	35.3	
2523	77 266	Leiden, Becker	Lalande 17917	9.88	41.3	
2524	79 138	Leiden, Valentiner	Paris Cat <sub>3</sub> 11158	9.82	44.9	
2525	81 71	Berlin, Tietjen	Paris Cat <sub>2</sub> 11162	23.05	59.9	
2526	81 71	Berlin, Tietjen	B. D. 1975	39.9	18' 1	
2527	85 199	Leiden, Valentiner	Helsingfors A. G. C. 5819	42.48	31" 8	
2528	79 138	Leiden, Valentiner	Paris Cat <sub>3</sub> 11168	43.62	29.5	
2529	111 289	Wien	Weisse <sub>2</sub> 1417 B. Z. 344	49.99	20.1	
2530	84 242	Berlin, Tietjen	B. B. VI 2118	53.40	17.5	
2531	84 242	Berlin, Tietjen	Paris Cat <sub>3</sub> 11183	25.18	3.5	Berlin A. G. C. B. 3647, 25 <sup>s</sup> .11, 4" 0; 8 <sup>m</sup> .0.
2532	84 242, 94 299	Berlin, Tietjen	Paris Cat <sub>3</sub> 11188	35.43	55.3	Berlin A. G. C. B. 3650, 35 <sup>s</sup> .37, 53" 5; 8 <sup>m</sup> .2. E. B. S. Noten.
2533	86 313, 89 35	Leiden, E. Bakhuyzen	B. D. 2266	36.9	49' 5	
2534	84 242	Berlin, Tietjen	.....	.....	.....	
2535	84 242	Berlin, Tietjen	Weisse <sub>2</sub> 1448 B. Z. 274	55.03	52" 2	
2536	81 71	Berlin, Tietjen	Berlin A. G. C. B. 3658	22.55	48.8	
2537	81 71	Berlin, Tietjen	B. D. 2013	30.6	5' 6	
2538	84 242	Berlin, Tietjen	.....	.....	.....	
2539	84 178, 81 303	Leipzig, Engelmann	Weisse <sub>1</sub> 1507 B. Z. 149	41.05	1" 4	
2540	98 135	Pola, J. Palisa	Weisse <sub>2</sub> 1475 B. Z. 278	46.47	54.3	
2541	94 299	Kremsmünster	Yarnall 3919	46.69	56.8	Berlin A. G. C. B. 3661, 46 <sup>s</sup> .77, 55" 3; 8 <sup>m</sup> .9.
2542	69 71	Berlin, Romberg	Weisse <sub>1</sub> 1516 B. Z. 57	57.46	18.4	
2543	111 53, 101 281	Hamburg, Schrader	Leiden A. G. Z. 154 u 165	10.64	20.8	
2544	102 297	Berlin, Leman	Paris Cat <sub>3</sub> 11221	10.55	21.1	
2545	79 76	Leipzig, Engelmann	Weisse <sub>1</sub> 1526 B. Z. 223	15.12	20.4	
2546	81 155	Leiden, Valentiner	M <sub>1</sub> 3847	14.72	21.5	
2547	77 266	Leiden, Becker	Strasser Cat. 251	15.19	22.9	
2548	84 242	Berlin, Tietjen	Paris Cat <sub>3</sub> 11230	34.98	18.3	
2549	81 303, 84 178	Leipzig, Engelmann	B-üssel Cat. 3850	35.01	17.1	
2550	81 304, 84 178	Leipzig, Engelmann	Weisse <sub>2</sub> 1499 B. Z. 274	51.43	26.7	
2551	84 231	Berlin, Knorre	B. D. 1372	7.2	35' 3	Berlin A. G. C. B. 3670, 5 <sup>s</sup> .06, 52" 5; 8 <sup>m</sup> .6. Berlin A. G. C. B. 3672, 30 <sup>s</sup> .28, 32" 3; 9 <sup>m</sup> .1. Berlin A. G. C. B. 3676, 19 <sup>s</sup> .77, 41" 2; 7 <sup>m</sup> .8. Bonn A. G. C. 6982, 51 <sup>s</sup> .63, 18" 5; 7 <sup>m</sup> .8.
2552	69 71	Berlin, Romberg	Kam 1524	9.21	52" 9	
2553	84 242	Berlin, Tietjen	Weisse <sub>2</sub> 1524 B. Z. 275	30.56	30.2	
2554	76 317 u. 245	Leiden, Valentiner	Pulkowa Cat 1875.0, 2039	19.80	40.4	
2555	100 249	Königsberg, Rahts	Helsingfors A. G. C. 5864	39.40	6.1	
2556	81 71	Berlin, Tietjen	Arg.-Oeltzen 9674-5	51.47	25.5	
2557	112 395	Cap	Melbourne Cat. II 535	58.16	46.2	
2558	98 135	Pola, J. Palisa	Küstner 300	15.07	20.2	
2559	94 299	Kremsmünster	.....	.....	.....	
2560	91 215	Pola, J. Palisa	Cordoba G. C. 12460	16.55	46.6	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
2561	+ 15°1999	9.1	....	9	73.16	70.0	9 <sup>h</sup> 4 <sup>m</sup> 52 <sup>s</sup> 01	2	+ 3 <sup>s</sup> 3199	—0 <sup>s</sup> 0114	+0 <sup>s</sup> 001	+14° 59' 12" 7	2	14" 478	—0" 329	+ 0" 16
2562	+ 18 2138	6.8	....	7.4	77.22	77.0	4 55.50	3	3.3827	—0.0134	0.001	+18 33 16.7	3	14.482	0.335	0.18
2563	+ 59 1226	9.5	....	9.5	73.45	73.0	5 9.24	3	4.6353	—0.0790	0.013	+59 24 49.7	3	14.496	0.461	0.41
2564	+ 17 2032	7.7	....	8.4	73.20	70.0	5 41.77	2	3.3547	—0.0126	0.001	+17 2 11.8	2	14.528	0.331	0.11
2565	» »	»	8.4	7-8	73.23	73.0	41.83	3	»	»	»	13.7	3	»	»	»
2566	+ 11 1996	8.0	....	9	70.10	70.0	6 10.72	2	3.2540	—0.0095	0.001	+11 10 52.5	2	14.558	0.320	0.15
2567	+ 59 1227	8.9	....	8.6	71.60	70.0	6 32.81	2	4.6140	—0.0783	0.014	+59 13 47.6	2	14.580	0.456	0.41
2568	» »	»	....	...	71.0	71.0	32.84	2	»	»	»	47.6	2	»	»	»
2569	» »	»	....	...	73.16	73.0	32.96	2	»	»	»	48.3	2	»	»	»
2570	+ 24 2061	8.9	9	9.1	75.20	80.0	7 48.01	2	3.4909	—0.0175	0.002	+24 38 37.4	2	14.655	0.341	0.19
2571	+ 24 2063	8.5	....	8.8	82.1	82.0	8 9.13	..	3.4834	—0.0173	0.002	+24 17 12.1	..	14.676	0.340	0.19
2572	+ 12 2000	9.3	....	9-10	82.3	82.0	8 11.76	2	3.2775	—0.0103	0.002	+12 41 47.6	2	14.678	0.319	0.15
2573	+ 21 1995	9.1	....	8.9	70.1	70.0	8 13.15	2	3.4319	—0.0154	0.002	+21 32 50..	..	14.680	0.335	0.19
2574	+ 15 2009	5.8	....	5-6	67.2	67.0	8 19.67	3	3.3240	—0.0117	0.002	+15 27 32.0	3	14.686	0.324	0.16
2575	+ 10 1965	7.8	....	8	70.16	70.0	9 4.79	2	3.2468	—0.0094	0.002	+10 53 32.7	2	14.731	0.315	0.16
2576	» »	»	....	9.8	69.10	68.0	4.98	2	»	»	»	33.1	2	»	»	»
2577	+ 19 2187	7.0	7.8	7-8	69.25	69.0	9 25.96	2	3.3899	—0.0140	0.002	+19 19 48.4	2	14.752	0.329	0.18
2578	+ 21 2000	9.2	....	9.2	70.14	70.0	9 29.36	2	3.4303	—0.0154	0.002	+21 34 32.3	2	14.755	0.332	0.19
2579	+ 59 1229	8.6	....	8.7	73.25	73.0	9 49.12	2	4.5726	—0.0775	0.016	+58 55 47.7	2	14.775	0.445	0.41
2580	+ 24 2068	7.3	....	8.2	84.3	84.0	10 6.46	..	3.4775	—0.0172	0.002	+24 10 36..	..	14.792	0.336	0.19
2581	+ 28 1729	6.7	....	6.7	70.09	70.0	10 13.57	2	3.5508	—0.0201	0.002	+27 56 36.6	2	14.799	0.343	0.20
2582	+ 18 2158	9.5	....	9.5	81.2	81.0	10 19.89	..	3.3799	—0.0137	0.002	+18 50 17.8	..	14.805	0.326	0.18
2583	+ 28 1731	9.4	....	9.4	70.13	70.0	10 34.03	2	3.5522	—0.0202	0.002	+28 2 53.5	2	14.819	0.343	0.21
2584	+ 16 1938	9.3	8.9	9-10	84.00	80.0	11 14.64	1	3.3310	—0.0121	0.002	+16 4 37.1	1	14.859	0.320	0.17
2585	» »	»	8.9	9	78.19	75.0	14.71	1	»	»	»	37.9	1	»	»	»
2586	+ 49 1824	8.8	....	9	69.1	68.0	11 14.81	3	4.1198	—0.0485	0.006	+49 23 58.8	3	14.859	0.397	0.31
2587	+ 51 1494	8.5	8.5	8.4	75.18	80.0	11 16.19	2	4.1817	—0.0522	0.006	+51 1 18.4	2	14.860	0.403	0.31
2588	+ 21 2009	8.4	....	8.4	70.1	70.0	11 29.60	3	3.4226	—0.0153	0.002	+21 20 22..	..	14.873	0.328	0.18
2589	.....	...	10-11	11	78.18	75.0	11 36.93	2	3.3214	—0.0118	0.002	+15 32 5.4	2	14.881	0.318	0.17
2590	+ 36 1944	9.5	....	9.5	70.17	70.0	11 44.50	2	3.7428	—0.0287	0.003	+36 49 7.4	2	14.888	0.359	0.25
2591	+ 69 517	7.4	....	7.4	75.14	75.0	12 1.41	2	5.5144	—0.1626	0.075	+69 53 0.9	2	14.905	0.532	0.68
2592	+ 12 2014	8.7	....	9	82.2	82.0	12 7.41	2	3.2761	—0.0104	0.003	+12 50 31.8	2	14.910	0.313	0.16
2593	+ 27 1742	8.5	....	9	69.1	70.0	12 43.01	2	3.5401	—0.0200	0.003	+27 41 28.8	2	14.945	0.338	0.21
2594	» »	»	....	8-9	70.16	70.0	43.12	2	»	»	»	30.4	2	»	»	»
2595	+ 51 1500	8.4	8.5	8-9	75.21	80.0	13 59.64	2	4.1715	—0.0526	0.007	+51 7 59.8	2	15.020	0.397	0.32
2596	» »	»	....	8.8	73.74	73.0	14 1.57	3	4.1713	—0.0526	0.007	+51 8 0.0	3	15.022	0.396	0.32
2597	+ 12 2021	8.5	....	...	85.1	85.0	14 9.33	2	3.2683	—0.0102	0.003	+12 29 16.0	2	15.029	0.309	0.16
2598	+ 5 2162	9.4	....	9.3	79.2	79.0	14 15.94	..	3.1562	—0.0068	0.003	+ 5 25 13.1	..	15.035	0.298	0.15
2599	+ 15 2027	6.7	7.5	6-7	73.26	73.0	14 21.14	2	3.3242	—0.0121	0.003	+15 54 3.3	2	15.040	0.314	0.17
2600	+ 12 2023	8.5	....	9	82.3	82.0	14 29.36	2	3.2726	—0.0104	0.002	+12 46 18.2	2	15.048	0.309	0.16

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2561	84 242	Berlin, Tietjen	Weisse, 66 B. Z. 273	52 <sup>s</sup> 20	12 <sup>"</sup> 2	
2562	94 307	Berlin, Tietjen	Pulkowa Cat. 1875.0, 2042	55.31	17.2	E B. — 0 <sup>s</sup> .0053 — 0 <sup>"</sup> .008 nach Pulk. Cat.
2563	85 198	Leiden, E. Bakhuyzen	B. B. VI 1226	8.78	55.1	Siehe Noten
2564	84 242	Berlin, Tietjen	Pulkowa Cat. 1875.0, 2048	41.88	11.9	Σ 1322 praec. maj. austr.
2565	81 304, 84 178	Leipzig, Engelmann	Paris Cat, 11316	41.89	11.9	
2566	81 71	Berlin, Tietjen	Schjellerup 3381	10.55	53.4	Weisse, 81 B. Z. 65, 10 <sup>s</sup> .46, 46 <sup>"</sup> .8; 8 <sup>m</sup> .8. Siehe Noten.
2567	81 71	Berlin, Tietjen	Helsingfors A. G. C. 5878	33.10	48.1	
2568	79 350	Berlin	Rümker 2781	32.65	49.6	Wahrscheinlich dieselbe Bestimmung wie Nr. 2567.
2569	85 199	Leiden, Valentiner	.....	.....	.....	
2570	88 21	Berlin, Becker	Berlin A. G. C. B. 3693	47.95	38.6	
2571	102 288	Wien	Berlin A. G. C. B. 3696	8.91	14.2	
2572	105 381	Wien	Weisse, 131 B. Z. 149	11.29	50.3	
2573	76 47	Durham, Plummer	B. B. VI 1995	13.20	50.1	Berlin A. G. C. B. 3698, 13 <sup>s</sup> .16, 49 <sup>"</sup> .6; 8 <sup>m</sup> .7 Bloss in A. R.
2574	73 64, 74 247	Königsberg, Lorek	Paris Cat, 11375	19.71	32.0	π <sup>2</sup> Cancr. [scharf bestimmt.]
2575	81 71	Berlin, Tietjen	Glasgow Cat. I 2389	4.60	30.9	
2576	73 291	Leiden, Kam	Schjellerup 3399-3400	4.69	33.5	
2577	76 44	Leipzig, Engelmann	Paris Cat, 11403	25.98	49.6	
2578	76 317	Leiden, Valentiner	Weisse, 164 B. Z. 278	29.72	32.2	Berlin A. G. C. B. 3707, 29 <sup>s</sup> .33, 33 <sup>"</sup> .2; 9 <sup>m</sup> .2.
2579	85 199	Leiden, E. Bakhuyzen [und Valentiner]	Helsingfors A. G. C. 5902	49.25	47.1	Bloss in A. R. scharf bestimmt. Siehe Noten.
2580	111 289	Wien	Pulkowa Cat. 1875.0, 2064	6.42	32.6	Berlin A. G. C. B. 3710, 6 <sup>s</sup> .35, 32 <sup>"</sup> .3; 7 <sup>m</sup> .6. " " " 3711, 6.47, 37.9; 8.3.
2581	81 71	Berlin, Tietjen	Pulkowa Cat. 1875.0, 2065	13.58	36.9	
2582	101 281	Kremsmünster	B. D. 2158	18.5	50' 6	
2583	81 71	Berlin, Tietjen	B. D. 1731	34.3	2.5	
2584	111 175	Königsberg, Lorek	Paris Cat, 11442	14.55	38" 0	
2585	92 245	Pola, J. Palisa	Weisse, 200 B. Z. 273	14.77	38.1	
2586	74 248	Königsberg, Lorek	Arg.-Oeltzen 9780	14.88	56.1	Bonn A. G. C. 7049, 14 <sup>s</sup> .87, 53 <sup>"</sup> .1; 9 <sup>m</sup> .1.
2587	88 21	Berlin, Becker und [Knorre]	Cambridge (M.) A. G. C. 3353	16.21	18.0	
2588	76 47	Durham, Plummer	Pulkowa Cat. 1875.0, 2073	29.72	19.0	Bloss in A. R. scharf bestimmt. Berlin A. G. C. B. 3717, [29 <sup>s</sup> .74, 19 <sup>"</sup> .2; 8 <sup>m</sup> .4.]
2589	92 245	Pola, J. Palisa	Markree Cat. Vol III p. 183	37.0	31' 9	
2590	81 71	Berlin, Tietjen	B. D. 1944	45.3	49.9	
2591	89 22, 107 57	Leiden, Haga	Christiania A. G. C. 1472	1.57	1" 9	
2592	105 381	Wien	Paris Cat, 11460	7.22	33.4	
2593	76 53	Königsberg, Lorek	Weisse, 229 B. Z. 349	42.99	28.1	
2594	81 71	Berlin, Tietjen	Paris Cat, 11470	43.17	27.2	
2595	88 21	Berlin, Becker und [Knorre]	Arg.-Oeltzen 9817	59.59	0.1	Cambr. (M.) A. G. C. 3367, 59 <sup>s</sup> .72, 0 <sup>"</sup> .6; 8 <sup>m</sup> .8.
2596	86 313, 89 35	Leiden, E. Bakhuyzen	Cambridge (M) A. G. C. 3370	1.95	1.1	Arg.-Oeltzen 9819, 1 <sup>s</sup> .84, 0 <sup>"</sup> .3; 9 <sup>m</sup> .
2597	112 395	Cap	Rümker 2837	9.26	14.9	
2598	98 253	Kremsmünster	B. B. VI 2162	15.66	16.7	
2599	81 304, 84 178	Leipzig, Engelmann	Paris Cat, 11507	21.12	59.8	
2600	105 381	Wien	Weisse, 270 B. Z. 149	29.58	20.0	

NUM- MER.	NUMMER	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
	der nördl. u. südl.	NACH			DER				Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied	
	Bonner- Durchmus- terung.	B. D.	A. N.	Quelle.	Beob.	Pos.											
						1800 +											
2601	+ 0°2500	8.6	8.8	9	74.20	74.0	9h 14m 31s 44	1	+ 3s 0778	-0s 0047	+0s 004	+ 0° 21' 29" 1	1	15" 050	-0" 290	+ 0" 14	
2602	+ 51 1501	9.1	9	9	75.23	80.0	14 32.24	2	4.1754	-0.0531	0.008	+51 18 31.9	2	15.051	0.396	0.32	
2603	» »	»	....	9.2	74.16	75.0	32.27	2	»	»	»	31.0	2	»	»	»	
2604	+ 22 2080	9.1	....	9.1	74.51	75.0	14 35.57	3	3.4379	-0.0162	0.003	+22 29 24.1	3	15.054	0.325	0.14	
2605	+ 19 2201	7.5	....	7.5	70.09	70.0	14 45.79	2	3.3810	-0.0141	0.003	+19 16 48.2	2	15.064	0.319	0.18	
2606	+ 15 2028	9.2	....	9	73.17	70.0	14 58.37	2	3.3169	-0.0119	0.003	+15 30 39.2	2	15.076	0.312	0.17	
2607	.....	....	....	...	73.16	73.0	15 21.25	2	4.5406	-0.0785	0.019	+59 3 58.7	2	15.098	0.429	0.40	
2608	.....	....	....	...	71....	71.0	21.28	..	»	»	»	57.2	..	»	»	»	
2609	.....	....	....	...	71.63	70.0	21.28	2	»	»	»	59.9	2	»	»	»	
2610	+ 15 2030	9.3	....	...	73.19	70.0	15 23.84	2	3.3189	-0.0120	0.003	+15 39 43.6	2	15.100	0.312	0.17	
2611	+ 0 2504	8.0	8.6	8	74.25	74.0	15 46.52	2	3.0739	-0.0046	0.004	+ 0 6 19.7	2	15.125	0.288	0.14	
2612	.....	...	10-11	10-11	80.12	80.0	15 49.54	2	4.0919	-0.0485	0.018	+49 16 14.3	2	15.125	0.385	0.31	
2613	.....	...	....	5.2	77.21	75.0	15 57.61	3	2.6550	+0.0034	0.006	-25 26 3.8	3	15.133	0.248	0.00	
2614	+ 52 1389	6.7	....	6.8	81.7	81.0	16 14.94	3	4.1979	-0.0553	0.009	+52 6 30.7	3	15.149	0.395	0.33	
2615	.....	....	....	10	73.64	73.0	16 25.62	1	4.5494	-0.0799	0.021	+59 21 8.9	1	15.160	0.428	0.40	
2616	+ 16 1958	9.5	....	9.5	84.3	84.0	16 26.08	5	3.3348	-0.0125	0.003	+16 41 53.8	5	15.160	0.312	0.17	
2617	.....	...	10	9.5	78.12	75.0	16 27.26	1	3.2843	-0.0108	0.003	+13 37 15.8	1	15.161	0.307	0.17	
2618	+ 59 1236	9.4	....	9.5	73.61	73.0	16 36.31	3	4.5466	-0.0798	0.021	+59 19 38.4	3	15.170	0.427	0.40	
2619	+ 52 1390	9.0	9.0	8.8	84.00	80.0	16 38.62	1	4.2021	-0.0557	0.009	+52 16 6.6	1	15.172	0.394	0.33	
2620	+ 26 1938	7.0	7.8	6.8	65.08	65.0	16 51.22	2	3.5068	-0.0191	0.003	+26 27 17.4	2	15.184	0.328	0.20	
2621	+ 15 2039	9.4	9.2	...	73.26	73.0	17 18.68	2	3.3179	-0.0120	0.003	+15 44 51.0	2	15.210	0.309	0.17	
2622	» »	»	....	...	73.17	70.0	18.77	2	»	»	»	48.6	2	»	»	»	
2623	+ 24 2081	9.5	9.5	9.5	74.19	70.0	17 41.76	3	3.4735	-0.0179	0.003	+24 46 9.1	3	15.232	0.323	0.20	
2624	.....	...	....	8½	83.0	82.0	17 50.74	2	2.6553	+0.0036	0.006	-25 37 53.9	2	15.241	0.245	»	
2625	+ 6 2169	7.2	9	7.6	66.95	65.0	17 53.56	3	3.1772	-0.0075	0.003	+ 6 53 14.5	3	15.243	0.294	0.15	
2626	+ 14 2090	9.2	....	9	67.3	65.0	18 9.10	3	3.3025	-0.0115	0.003	+14 51 47.8	3	15.258	0.306	0.17	
2627	+ 18 2191	9.3	9.5	9.3	73.23	73.0	18 53.31	1	3.3597	-0.0136	0.003	+18 24 21.3	1	15.300	0.310	0.18	
2628	+ 19 2212	8.3	....	8.3	80.15	80.0	19 1.79	1	3.3771	-0.0143	0.003	+19 26 21.5	1	15.308	0.312	0.18	
2629	» »	»	....	9	70.09	70.0	1.90	2	»	»	»	21.9	2	»	»	»	
2630	+ 22 2091	9.4	....	...	77.26	75.0	19 7.74	1	3.4282	-0.0162	0.003	+22 24 27.1	1	15.313	0.316	0.19	
2631	+ 22 2091	9.4	9.5	9.4	73.22	73.0	19 8.45	1	3.4282	-0.0162	0.003	+22 24 43.1	1	15.314	0.316	0.19	
2632	+ 33 1860	8.4	....	8.4	71.12	71.0	19 18.22	2	3.6452	-0.0256	0.004	+33 35 50.4	2	15.323	0.336	0.22	
2633	+ 13 2088	9.5	....	9.5	80.20	80.0	19 24.75	1	3.2772	-0.0108	0.003	+13 22 27.8	1	15.330	0.302	0.17	
2634	» »	»	....	...	79.13	78.0	25.45	2	»	»	»	31.3	2	»	»	»	
2635	+ 27 1753	9.5	....	9.5	83.1	83.0	19 45.75	..	3.5235	-0.0202	0.003	+27 40 25.2	..	15.349	0.324	0.21	
2636	+ 7 2127	8.0	8	8	66.77	65.0	19 59.25	2	3.1788	-0.0076	0.003	+ 7 4 11.1	2	15.362	0.291	0.15	
2637	+ 14 2095	7.2	....	9	72.94	70.0	20 5.25	2	3.2999	-0.0116	0.003	+14 50 39.7	2	15.367	0.302	0.17	
2638	» »	»	....	7-8	67.3	65.0	5.42	2	»	»	»	39.1	2	»	»	»	
2639	+ 15 2050	9.4	....	9.4	72.14	70.0	20 19.29	2	3.3162	-0.0121	0.003	+15 52 13.3	2	15.381	0.304	0.17	
2640	» »	»	....	...	72.99	70.0	19.38	1	»	»	»	11.3	1	»	»	»	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
2601	84 178	Leipzig, Engelmann	M <sub>1</sub> 4058	31 <sup>s</sup> .46	28 <sup>m</sup> .0	
2602	88 21	Berlin, Becker	Arg.-Oeltzen 9824	32.34	34.6	
2603	86 109	Hamburg, Lindstedt	Cambridge (M) A. G. C. 3372	32.37	32.0	
2604	86 109	Hamburg, Lindstedt [und Pechüle]	Rümker 2838	35.29	16.5	Berlin A. G. C. B. 3732, 35 <sup>s</sup> .56, 21 <sup>m</sup> .3; 9 <sup>m</sup> .1.
2605	81 71	Berlin, Tietjen	Pulkowa Cat. 1875.0, 2083	46.28	48.1	E. B. 0 <sup>s</sup> .0000 — 0 <sup>m</sup> .117 nach Paris Cat. 11521.
2606	84 243	Berlin, Tietjen	Weisse, 284 B. Z. 273	58.42	41.5	B. B. VI 2028, 58 <sup>s</sup> .22, 42 <sup>m</sup> .1; 9 <sup>m</sup> .2. Siehe Noten.
2607	85 199	Leiden, Valentiner	.....	.....	.....	Siehe Noten.
2608	79 350	Berlin	.....	.....	.....	Vielleicht schon in Nr. 2609 aufgenommen.
2609	81 71	Berlin, Tietjen	.....	.....	.....	
2610	84 243	Berlin, Tietjen	A. N. 81 109, 82 131 mikrom. [Anschluss]	23.72	42.4	
2611	84 178	Leipzig, Engelmann	Glasgow Cat. I 2415	46.59	18.1	
2612	98 135	Pola, J. Palisa	Leiden mikrom. Anschluss	48.4	15' 2	Siehe Noten.
2613	91 215	Pola, J. Palisa	Cordoba G. C. 12728	57.65	3 <sup>m</sup> .6	
2614	105 183, 108 184	Königsberg	Cambridge (M) 3380	14.81	30.7	{ Pulk. Cat. 1875.0, 2087, 14 <sup>s</sup> .73, 30 <sup>m</sup> .5; 7 <sup>m</sup> .0. O. Σ. 200 seq. E. B. + 0 <sup>s</sup> .0060.... nach Cambr. A. G. C. [austr. maj.]
2615	85 199	Leiden, E. Bakhuyzen	Leiden mikrom. Anschluss	25.6	21' 2	Siehe Noten.
2616	111 103	Pulkowa, Romberg	B. B. VI 1958	25.74	53 <sup>m</sup> .9	
2617	92 247	Pola, J. Palisa	Leiden Meridian Beob.	27.08	16.7	Siehe Noten.
2618	85 199	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 5942	36.62	39.3	
2619	111 175 u. 221	Berlin, Knorre	Cambridge (M) A. G. C. 3382	38.80	7.1	
2620	69 71	Berlin, Romberg	Pulkowa Cat. 1875.0, 2089	51.11	14.5	E. B. — 0 <sup>s</sup> .0048 — 0 <sup>m</sup> .016 nach Pulkowa Cat.
2621	81 304, 84 178	Leipzig, Engelmann	A. N. 81 109, 82 131 mikrom [Anschluss]	18.64	49.5	
2622	84 243	Berlin, Tietjen	.....	.....	.....	
2623	84 231	Berlin, Knorre	B. D. 2081	44.0	46' 1	
2624	105 93	Albany	Cordoba G. C. 12777	50.61	52 <sup>m</sup> .3	
2625	69 71	Berlin, Romberg	Pulkowa Cat. 1875.0, 2093	53.46	12.5	{ Σ 1348 Med. in Pulk. beob. Genäherte E. B. — 0 <sup>s</sup> .012 — 0 <sup>m</sup> .04. E. B. — 0 <sup>s</sup> .0147 — 0 <sup>m</sup> .035 nach Stumpe A. N. 125, 404.
2626	78 64	Königsberg, Lorek	Weisse, 355 B. Z. 273	9.08	43.4	
2627	88 135	Wien, Holetschek	B. D. 2191	52.5	23' 5	
2628	98 135	Pola, J. Palisa	Pulkowa Cat. 1875.0, 2095	1.88	21 <sup>m</sup> .7	
2629	81 71	Berlin, Tietjen	Paris Cat. 11613	1.95	21.8	
2630	91 215	Pola, J. Palisa	A. N. 83, 133 mikr. Anschluss	7.75	22.6	
2631	88 135	Wien, Holetschek	B. D. 2091	6.4	24' 8	Siehe Noten.
2632	79 138	Leiden, Becker	Leiden A. G. Z. 35, 287	18.15	49 <sup>m</sup> .2	
2633	98 135	Pola, J. Palisa	B. D. 2088	21.5	22' 6	
2634	94 299	Kremsmünster	.....	.....	.....	
2635	105 203	Leiden	B. D. 1753	41.0	40.0	Siehe Noten.
2636	69 71	Berlin, Romberg	Schjellerup 3474	59.10	12 <sup>m</sup> .3	
2637	84 243	Berlin, Tietjen	Glasgow Cat. I 2441	5.40	40.0	
2638	78 64	Königsberg, Lorek	Paris Cat. 11634	5.43	40.0	
2639	81 71	Berlin, Tietjen	B. D. 2050	18.9	51' 5	
2640	84 243	Berlin, Tietjen	.....	.....	.....	Siehe Noten.

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
2641	+ 47° 1675	9.4	9.3	9.4	86.26	86.0	9h 20m 26s 58	2	+ 38.9970	-0.0445	+0.0008	+47° 9' 53" 7	2	15" 387	-0" 367	+ 0" 29
2642	+ 58 1192	7.5	....	8.0	73.24	73.0	20 39.18	1	4.4793	-0.0773	0.022	+58 40 20.8	1	15.399	0.412	0.40
2643	.....	...	....	...	73.25	73.0	20 42.96	1	4.4933	-0.0784	0.022	+58 55 56.5	1	15.403	0.413	0.40
2644	.....	...	10-11	...	74.18	70.0	43.07	2	»	»	»	51.2	2	»	»	»
2645	+ 64 738	9.5	9.0	9.5	79.7	79.0	21 5.86	4	4.8358	-0.1071	0.041	+64 8 58.7	1	15.424	0.444	0.45
2646	.....	...	....	9.5	71.60	70.0	21 21.37	2	4.4915	-0.0787	0.022	+58 59 6.1	2	15.438	0.412	0.40
2647	+ 12 2041	9.0	....	9.0	72.19	75.0	21 43.34	2	3.2648	-0.0104	0.003	+12 44 34.5	2	15.459	0.297	0.16
2648	+ 59 1238	6.8	....	6.8	73.25	73.0	21 56.50	2	4.5051	-0.0801	0.023	+59 18 9.3	2	15.471	0.411	0.40
2649	+ 19 2218	8.3	....	8.3	70.16	70.0	21 59.29	2	3.3789	-0.0146	0.003	+19 49 52.2	2	15.474	0.307	0.15
2650	+ 17 2092	8.5	8-9	8.5	66.72	65.0	22 5.87	2	3.3429	-0.0132	0.003	+17 39 37.1	2	15.480	0.303	0.15
2651	.....	...	10	11	78.14	75.0	22 27.45	2	3.2656	-0.0105	0.003	+12 50 29.0	2	15.500	0.295	0.16
2652	+ 18 2207	7.5	8.0	7	69.25	69.0	22 35.24	2	3.3509	-0.0136	0.003	+18 11 50.3	2	15.507	0.303	0.18
2653	+ 19 2219	9.0	9	9.0	67.29	67.0	22 49.65	1	3.3745	-0.0145	0.003	+19 38 42.3	1	15.520	0.306	0.15
2654	+ 6 2182	7.7	....	7-8	67.21	65.0	23 24.40	1	3.1639	-0.0072	0.003	+ 6 11 49.4	1	15.552	0.283	0.15
2655	+ 59 1243	9.1	....	9.2	73.56	73.0	24 11.08	2	4.4813	-0.0797	0.025	+59 11 2.1	2	15.596	0.404	0.40
2656	» » »	»	10.0	...	73.22	73.0	11.97	1	»	»	»	0.3	1	»	»	»
2657	+ 12 2049	8.8	....	9	85.1	85.0	24 18.81	2	3.2570	-0.0103	0.003	+12 24 24.8	2	15.602	0.292	0.16
2658	.....	...	....	6	83.0	82.0	24 21.77	2	2.6619	+0.0040	0.006	-26 2 33.8	2	15.605	0.237	0.09
2659	+ 21 2047	8.5	8.5	9	80.47	75.0	24 29.18	4	3.3992	-0.0156	0.003	+21 17 20.7	4	15.612	0.304	0.15
2660	+ 13 2104	7.0	....	8	73.15	70.0	24 31.97	2	3.2722	-0.0108	0.003	+13 24 29.8	2	15.614	0.293	0.17
2661	+ 20 2331	7.2	7.2	7.7	80.15	75.0	24 32.70	4	3.3912	-0.0153	0.003	+20 49 10.1	4	15.615	0.304	0.18
2662	.....	...	....	9-10	71.62	70.0	24 37.73	1	4.4640	-0.0786	0.025	+58 55 57.5	1	15.620	0.402	0.40
2663	+ 50 1657	6.8	....	7	75.13	75.0	24 42.52	3	4.0707	-0.0506	0.011	+49 59 17.3	3	15.624	0.365	0.31
2664	» » »	»	7	7	75.17	80.0	42.66	2	»	»	»	18.5	2	»	»	»
2665	+ 15 2063	9.5	....	9.5	72.10	70.0	24 45.63	2	3.3055	-0.0120	0.003	+15 33 12.6	2	15.626	0.295	0.17
2666	+ 2 2214	7.8	8.5	7.9	82.28	82.0	24 55.08	2	3.1136	-0.0056	0.004	+ 2 49 38.3	2	15.636	0.278	0.14
2667	+ 58 1196	9.2	....	9.1	73.65	73.0	24 55.67	3	4.4531	-0.0780	0.025	+58 46 24.7	3	15.636	0.400	0.40
2668	+ 58 1197	9.3	....	9.1	71.60	70.0	25 5.92	2	4.4551	-0.0783	0.025	+58 50 2.2	2	15.645	0.400	0.40
2669	» » »	»	....	9	73.27	73.0	6.21	1	»	»	»	1.9	1	»	»	»
2670	+ 21 2050	9.3	9	9.3	78.18	75.0	25 29.42	2	3.3950	-0.0155	0.003	+21 8 43.3	2	15.667	0.302	0.15
2671	+ 12 2053	9.2	....	9	85.0	85.0	25 52.55	2	3.2536	-0.0102	0.003	+12 17 9.6	2	15.688	0.289	0.17
2672	» » »	»	9	9	78.15	75.0	52.64	2	»	»	»	9.3	2	»	»	»
2673	.....	...	9	9	83.2	82.0	26 33.89	2	2.6847	+0.0039	0.006	-25 2 17.7	2	15.725	0.236	0.00
2674	+ 70 568	7.0	....	7	75.15	75.0	27 9.30	2	5.4501	-0.1774	0.117	+70 49 24.3	2	15.757	0.485	0.65
2675	+ 37 2005	9.0	9.1	8.8	73.28	73.0	27 25.27	2	3.7062	-0.0302	0.006	+37 30 57.0	2	15.772	0.327	0.21
2676	+ 37 2007	9.1	....	9.1	72.98	70.0	27 55.36	2	3.7026	-0.0301	0.006	+37 26 8.1	2	15.799	0.326	0.21
2677	+ 13 2115	9.0	8.5	9	68.21	68.0	27 57.56	1	3.2732	-0.0111	0.003	+13 50 55.6	1	15.799	0.270	0.17
2678	+ 5 2197	8.8	....	8.8	66.3	66.0	28 5.34	3	3.1533	-0.0068	0.003	+ 5 32 33.0	3	15.808	0.276	0.15
2679	+ 58 1200	9.0	....	9.1	73.72	73.0	28 7.59	2	4.4228	-0.0776	0.028	+58 39 21.0	2	15.810	0.390	0.40
2680	+ 59 1246	8.7	....	8.6	73.16	73.0	28 23.27	2	4.4426	-0.0794	0.028	+59 3 51.8	2	15.824	0.391	0.40



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	REOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2641	Public. XVIII der A. G.	Pulkowa, Romberg	B. D. 1675	24 <sup>s</sup> 0	9' 5	Controlestern. Siehe Noten.
2642	85 199	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 5961	39.07	23''0	A. N. — 2 <sup>s</sup> corrigirt. Siehe Noten.
2643	85 199	Leiden, Valentiner	A. N. 79, 350 mikr. Anschluss	43.07	54.8	
2644	84 231	Berlin, Knorre	.....	.....	.....	
2645	100 249	Königsberg, Rahts	B. D. 738	6.7	10' 2	
2646	81 71	Berlin, Tietjen	Leiden, mikrom. Anschluss	21.7	59.2	Siehe Noten.
2647	92 247	Pola, J. Palisa	Küstner 309	43.40	35''0	
2648	85 199	Leiden, E. Bakhuyzen [und Valentiner]	Helsingfors A. G. C. 5969	56.46	10.9	Pulk. Cat. 1875.0, 2107, 56 <sup>s</sup> .62, 10''6; 6 <sup>m</sup> .8.
2649	81 71	Berlin, Tietjen	Pulkowa Cat. 1875.0, 2108	59.33	52.2	
2650	69 71	Berlin, Romberg	B. D. 2092	5.6	39' 3	
2651	92 247	Pola, J. Palisa	Markree Cat. Vol. IV p. 123	27.7	50.5	
2652	76 44	Leipzig, Engelmann	Paris Cat, 11667	35.28	48''2	A. N. + 1 <sup>m</sup> corrigirt. cf. Publ. XVIII der A. G.
2653	71 175, 70 202	Leipzig, Engelmann	B. B. VI p. 370	49.53	42.9	In B. D. ist der Buchstabe B hinzuzufügen.
2654	69 71	Berlin, Romberg	Glasgow Cat. I 2457	24.41	47.8	
2655	85 199	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 5982	11.36	2.2	
2656	83 135	Wien, Holetschek	.....	.....	.....	A. N. — 6' corrigirt nach Bd. 86 384. Siehe Noten.
2657	112 395	Cap	Weisse, 492 B. Z. 65	18.90	23.0	
2658	105 93	Albany	Cordoba G. C. 12942	21.69	34.0	
2659	110 291	Leiden, E. Bakhuyzen [und Stieltjes]	Weisse, 489 B. Z. 278	29.24	19.8	Berlin A. G. C. B. 3780, 29 <sup>s</sup> 17, 20''4; 8 <sup>m</sup> .7.
2660	84 243	Berlin, Tietjen	Glasgow Cat. I 2465	32.03	28.1	
2661	110 291	Leiden, E. Bakhuyzen, [Stieltjes u. Wilterd]	Berlin A. G. C. B. 3781	32.72	9.5	
2662	81 71	Berlin, Tietjen	Leiden, mikrom. Anschluss	37.7	55' 9	Siehe Noten.
2663	86 109	Hamburg, Lindstedt	Arg.-Oeltzen 9982	42.44	18''8	Cambr. (M.) A. G. C. 3414, 42 <sup>s</sup> .65, 17''8; 6 <sup>m</sup> .8.
2664	88 21	Berlin, Becker	Paris Cat, 11707	42.66	19.0	Bonn A. G. C. 7165, 42 <sup>s</sup> .69, 17''8; 7 <sup>m</sup> .2.
2665	81 71	Berlin, Tietjen	B. D. 2063	44.6	33' 4	
2666	102 301, 111 224	Berlin, Leman	Albany A. G. C. 3801	55.12	38''3	
2667	85 199	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 5989	55.82	25.9	
2668	81 71	Berlin, Tietjen	Helsingfors A. G. C. 5993	6.14	1.8	
2669	85 199	Leiden, E. Bakhuyzen	Arg.-Oeltzen 9986	6.19	58.9	
2670	92 247	Pola, J. Palisa	B. D. 2050	29.4	9' 2	
2671	112 395	Cap	Weisse, 533 B. Z. 65	52.47	12''0	
2672	92 247	Pola, J. Palisa	Paris Cat, 11735	52.62	9.2	
2673	106 279	Cordoba	Cordoba Zonen Cat. 2148	34.20	18.2	
2674	89 22, 107 60	Leiden, Haga	Arg.-Oeltzen 10015	9.87	26.2	Dorpat A. G. Z. Vol. XVII p. (7) 9 <sup>s</sup> .31, 22''8; 7 <sup>m</sup> .0.
2675	84 178	Leipzig, Engelmann	Lund A. G. Z. 128 u. 162	25.28	57.5	
2676	84 243, 81 351	Berlin, Tietjen	B. D. 2007	54.6	26' 3	Siehe Noten.
2677	71 176, 72 277	Leipzig, Engelmann	Weisse, 581 B. Z. 149	58.02	5''3	Siehe Noten.
2678	78 63	Königsberg, Lorek	B. D. 2197	4.8	32' 0	A. N. in Declin. — 5' corrigirt. Siehe Noten.
2679	85 199, 86 313	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6008	7.83	20''6	Mittel aus A. N. 85 und 86.
2680	85 200	Leiden, Valentiner	Helsingfors A. G. C. 6011	23.35	52.2	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0				
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.		
					1800 +													
2681	+ 5° 2199	9.0	9	9.1	66.77	65.0	9h 28m 25s 73	2	+ 3s 1436	—0s 0066	+0s 004	+ 4° 57' 57" 5	2	15" 826	—0" 275	+ 0" 15		
2682	+ 24 2107	9.1	9.1	9.1	74.20	70.0	29 1.82	2	3.4405	—0.0177	0.004	+24 13 37.7	2	15.858	0.300	0.0		
2683	+ 70 570	8.8	....	8.8	75.18	75.0	29 3.94	3	5.4295	—0.1779	0.121	+70 51 30.5	3	15.860	0.478	0.0		
2684	+ 58 1203	9.2	....	9.4	71.60	70.0	29 22.76	2	4.4141	—0.0777	0.028	+58 40 16.5	2	15.877	0.386	0.0		
2685	» »	»	....	9.2	73.24	73.0	23.01	2	»	»	»	15.7	2	»	»	»		
2686	+ 13 2119	9.0	....	9	67.3	65.0	29 23.93	2	3.2645	—0.0107	0.004	+13 14 48.2	2	15.878	0.284	0.0		
2687	+ 19 2234	9.5	(9.5)	9.5	67.29	67.0	29 46.72	1	3.3655	—0.0147	0.004	+19 47 43.4	1	15.898	0.294	0.0		
2688	» »	»	(9.5)	...	67.29	67.0	46.87	1	»	»	»	35.7	1	»	»	»		
2689	+ 58 1204	9.1	....	9.2	73.59	73.0	29 49.47	2	4.3889	—0.0760	0.026	+58 15 8.4	2	15.901	0.383	0.0		
2690	+ 37 2009	8.8	....	8.5	71.12	71.0	30 9.68	2	3.6884	—0.0298	0.006	+37 9 17.0	2	15.919	0.320	0.0		
2691	+ 58 1206	8.6	....	7.8	73.36	73.0	30 17.79	3	4.3943	—0.0768	0.027	+58 25 31.9	3	15.926	0.383	0.0		
2692	.....	...	....	6.8	83.0	82.0	30 55.87	2	2.7093	+0.0041	0.006	—24 8 46.9	2	15.959	0.232	0.00		
2693	+ 17 2114	8.0	7	8.5	67.17	65.0	31 4.26	2	3.3257	—0.0131	0.004	+17 23 44.5	2	15.967	0.286	0.0		
2694	+ 24 2111	7.8	7.8	7.8	74.20	70.0	31 6.11	2	3.4342	—0.0177	0.004	+24 6 31.7	2	15.968	0.296	0.0		
2695	.....	...	....	10	73.01	70.0	31 7.13	1	4.4022	—0.0780	0.027	+58 41 48.7	1	15.969	0.381	0.0		
2696	.....	...	....	6.2	77.21	75.0	31 47.15	3	2.5763	+0.0058	0.007	—31 37 5.2	3	16.005	0.219	0.00		
2697	— 0 2229	8.5	....	8.5	82.2	82.0	31 50.37	...	3.0594	—0.0040	0.005	— 0 54 48.4	...	16.008	0.262	0.0		
2698	+ 12 2072	9.1	9.0	...	73.26	73.0	31 55.55	2	3.2523	—0.0104	0.005	+12 36 31.4	2	16.012	0.278	0.0		
2699	+ 12 2073	9.1	8.7	8.0	73.28	73.0	32 4.54	2	3.2522	—0.0104	0.005	+12 36 54.3	2	16.020	0.278	0.0		
2700	+ 12 2074	9.5	9.5	9.5	75.28	80.0	32 9.33	2	3.2545	—0.0105	0.005	+12 46 37.4	2	16.024	0.278	0.0		
2701	.....	...	10	10½	75.27	80.0	32 26.69	2	3.2632	—0.0108	0.004	+13 23 8.0	2	16.039	0.279	0.0		
2702	+ 12 2075	8.5	....	8	73.20	70.0	32 49.11	3	3.2532	—0.0104	0.004	+12 43 48.7	3	16.059	0.277	0.0		
2703	+ 10 2041	8.5	....	...	78.28	77.0	33 16.70	2	3.2142	—0.0090	0.004	+10 4 33.9	2	16.083	0.273	0.0		
2704	+ 58 1210	9.3	....	9.0	73.72	73.0	33 24.35	2	4.3692	—0.0767	0.029	+58 23 52.9	2	16.091	0.373	0.00		
2705	» »	»	10.0	...	73.22	73.0	24.85	1	»	»	»	52.9	1	»	»	»		
2706	» »	»	9.1	...	86.26	86.0	24.35	2	»	»	»	53.2	2	»	»	»		
2707	+ 16 2007	9.5	9.5	9.5	75.24	80.0	33 48.42	2	3.3095	—0.0127	0.004	+16 35 34.1	2	16.111	0.280	0.0		
2708	+ 19 2241	9.0	....	9.0	79.13	78.0	33 48.85	2	3.3457	—0.0141	0.004	+18 57 32.2	2	16.111	0.284	0.0		
2709	+ 51 1536	7.5	7.5	7.4	82.04	81.0	34 17.99	3	4.0823	—0.0554	0.017	+51 50 11.4	3	16.136	0.347	0.0		
2710	+ 48 1796	8.9	9	8.9	75.18	80.0	34 24.27	2	3.9552	—0.0468	0.015	+48 3 30.4	2	16.142	0.335	0.0		
2711	+ 12 2076	8.8	....	9	85.1	85.0	34 26.11	2	3.2427	—0.0101	0.005	+12 7 49.4	2	16.143	0.274	0.0		
2712	+ 13 2139	8.3	....	8	77.18	75.0	34 51.75	2	3.2617	—0.0108	0.005	+13 27 58.6	2	16.165	0.274	0.0		
2713	+ 1 2348	8.7	....	8.8	70.16	70.0	34 54.00	2	3.0856	—0.0047	0.005	+ 0 57 56.0	2	16.167	0.259	0.0		
2714	+ 23 2139	8.0	....	8.	77.26	75.0	34 56.31	2	3.4226	—0.0176	0.005	+23 53 47.4	2	16.169	0.288	0.0		
2715	+ 15 2098	8.6	....	8.9	66.95	65.0	35 28.18	3	3.2884	—0.0119	0.005	+15 19 58.4	3	16.197	0.276	0.0		
2716	+ 58 1211	9.5	....	...	73.45	73.0	35 48.26	2	4.3657	—0.0780	0.030	+58 41 24.4	2	16.214	0.368	0.0		
2717	.....	...	....	...	71.60	70.0	35 56.45	2	4.3590	—0.0775	0.030	+58 34 40.3	2	16.221	0.367	0.0		
2718	+ 59 1260	8.3	....	8.3	73.65	73.0	36 1.99	2	4.3804	—0.0793	0.031	+59 0 40.6	2	16.226	0.368	0.0		
2719	+ 20 2366	6.5	....	6.5	68.2	68.0	36 22.37	3	3.3695	—0.0154	0.005	+20 45 44.3	3	16.243	0.281	0.0		
2720	— 23 197	8.3	....	8½	83.0	82.0	36 25.84	2	2.7373	+0.0040	0.006	—23 8 20.7	2	16.246	0.227	0.0		

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2681	69 71	Berlin, Romberg	Albany A. G. C. 3814	25 <sup>s</sup> 63	57 <sup>"</sup> 6	
2682	84 231	Berlin, Knorre	B. D. 2107	1.5	13' 7	
2683	89 22, 107 57	Leiden, Haga	Dorpat A.G.Z. Vol XVIII p. (8)	4.12	32 <sup>"</sup> 9	
2684	81 71	Berlin, Tietjen	Helsingfors A. G. C. 6018	22.83	17.0	
2685	85 200	Leiden, E. Bakhuyzen [u. Valentiner]	B. B. VI 1203	22.65	15.1	
2686	78 64	Königsberg, Lorek	Weisse, 625 B. Z. 149	24.08	47.0	
2687	71 175, 70 202	Leipzig, Engelmann	B. B. VI 2234 pag. 370	47.19	41.1	Duplex praec. A. N. 70, 202 gilt für die Mitte der
2688	71 175	Leipzig, Engelmann	.....	.....	.....	» seq. Siehe Noten. [Componenten.]
2689	85 200	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6020	49.81	10.0	
2690	79 138	Leiden, Becker	Lund A. G. Z. 136 u. 143	9.78	16.5	
2691	85 200	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6023	18.02	32.0	
2692	105 93	Albany	Cordoba G. C. 13114	55.89	45.1	
2693	69 71	Berlin, Romberg	Yarnall 4098	4.24	43.1	
2694	84 231, 85 293	Berlin, Knorre	Paris Cat. 11847	6.19	32.8	Berlin A. G. C. B. 3805, 6 <sup>s</sup> .08, 32 <sup>"</sup> .0; 8 <sup>m</sup> .0.
2695	84 243	Berlin, Tietjen	Leiden Merid. Beob.	6.63	45.7	Siehe Noten.
2696	91 215	Pola, J. Palisa	Cordoba G. C. 13132	47.26	3.1	
2697	105 71	Cap	Göttingen Cat. I 3256-7	50.41	49.8	
2698	84 178	Leipzig, Engelmann	A. N. 82, 123 mikr. Anschluss	55.54	32.9	
2699	84 179	Leipzig, Engelmann	Yarnall 4112	4.87	52.7	
2700	88 21	Berlin, Becker	B. D. 2074	7.4	46' 6	
2701	88 21	Berlin, Becker	Markree Cat. Vol. IV p. 125	26.5	23.1	
2702	84 243	Berlin, Tietjen	Glasgow Cat. I 2507	49.11	48 <sup>"</sup> 2	
2703	94 285	Berlin, Tietjen	Rümker 2904	16.49	33.7	
2704	85 200, 86 313	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6044	24.52	53.8	Mittel aus A. N. 85 u. 86.
2705	83 135	Wien, Holetschek	.....	.....	.....	Siehe Noten.
2706	Publ. XVIII der A. G.	Pulkowa, Romberg	.....	.....	.....	Controlestern.
2707	88 21, 86 65, 108 368	Berlin, Becker	B. D. 2007	48.1	35' 8	Siehe Noten.
2708	94 297	Kremsmünster	Küstner 313	48.51	29 <sup>"</sup> 2	
2709	108 185	Pulkowa, Romberg	B. B. VI 1536	17.81	11.4	Cambr. (M) A. G. C. 3457, 18 <sup>s</sup> .00, 9 <sup>"</sup> .7; 7 <sup>m</sup> .1.
2710	88 21	Berlin, Becker und [Knorre]	Arg.-Oeltzen 10151-2	24.26	30.7	Bonn A. G. C. 7244, 24 <sup>s</sup> .17, 29 <sup>"</sup> .7; 8 <sup>m</sup> .3.
2711	112 395	Cap	Schjellerup 3558	25.71	55.0	E. B. + 0 <sup>s</sup> .010 — 0 <sup>"</sup> .24 nach Porter Prop. Mot. 524.
2712	94 307	Berlin, Tietjen	Schjellerup 3562	51.68	58.0	
2713	81 71	Berlin, Tietjen	Albany A. G. C. 3847	54.01	55.2	
2714	91 215	Pola, J. Palisa	Weisse, 726 B. Z. 345	56.61	45.9	Berlin A. G. C. B. 3821, 56 <sup>s</sup> .32, 47 <sup>"</sup> .4; 8 <sup>m</sup> .2.
2715	69 71	Berlin, Romberg	Weisse, 746 B. Z. 280	28.17	57.1	B. Z. + 1 <sup>s</sup> corrigirt, siehe Noten.
2716	85 200	Leiden, E. Bakhuyzen	A. N. 79, 87 mikr. Anschluss	48.40	29.0	
2717	81 71, 88 198	Berlin, Tietjen	Leiden Merid. Beob.	56.20	39.7	Siehe Noten.
2718	85 200	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6058	2.03	39.1	
2719	74 247	Königsberg, Lorek	Greenw. 10 Y. Cat. 1600	22.37	47.6	Berlin A. G. C. B. 3830, 22 <sup>s</sup> .46, 47 <sup>"</sup> .6; 7 <sup>m</sup> .1.
2720	105 93	Albany	Cordoba G. C. 13228	25.84	19.4	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied
		B. D.	A. N.	Quelle:	Beob.	Pos.										
1800 +																
2721	+ 34°2024	9.4	....	9.4	72.05	71.0	9h 36m 33s 57	2	+ 3s 6063	-0s 0268	+0s 0006	+34° 17' 16" 9	2	16" 253	-0" 301	+ 0" 23
2722	+ 14 2136	6.0	7.7	6.0	82.25	82.0	36 55.34	1	3.2757	-0.0115	0.005	+14 35 33.0	1	16.271	0.272	0.18
2723	+ 3 2261	7.5	8	7.9	66.75	65.0	36 57.93	2	3.1159	-0.0057	0.005	+ 3 11 53.8	2	16.274	0.258	0.15
2724	+ 15 2103	8.9	8.8	9	82.25	82.0	36 58.54	1	3.2831	-0.0180	0.005	+15 6 23.9	1	16.274	0.273	0.17
2725	+ 1 2352	8.3	....	8.0	70.16	70.0	37 12.86	2	3.0867	-0.0047	0.005	+ 1 3 28.8	2	16.286	0.256	0.15
2726	- 5 2881	8.4	....	7-8	70.12	70.0	37 55.11	2	2.9960	-0.0019	0.005	- 5 36 32.1	2	16.322	0.247	0.14
2727	+ 58 1213	9.0	....	9.1	73.40	73.0	37 58.96	2	4.3492	-0.0780	0.032	+58 41 54.4	2	16.326	0.362	0.35
2728	+ 38 2062	8.7	....	...	71.12	71.0	38 5.93	2	3.6890	-0.0316	0.008	+38 28 44.4	2	16.332	0.305	0.25
2729	+ 7 2175	9.2	....	9	78.26	77.0	38 8.11	2	3.1775	-0.0078	0.005	+ 7 43 31.3	2	16.333	0.262	0.19
2730	.....	...	....	...	73.73	73.0	38 12.57	1	4.3395	-0.0774	0.032	+58 32 24.7	1	16.337	0.360	0.35
2731	.....	...	....	...	73.42	73.0	12.61	2	"	"	"	22.1	2	"	"	"
2732	+ 13 2150	9.4	9.5	9-10	75.20	80.0	38 34.12	2	3.2629	-0.0111	0.005	+13 50 47.3	2	16.355	0.268	0.17
2733	.....	...	....	5.1	77.21	75.0	38 37.84	3	2.6748	+0.0052	0.007	-27 11 54.5	3	16.358	0.218	0.16
2734	+ 11 2097	9.3	....	9.2	73.23	75.0	38 55.72	2	3.2343	-0.0100	0.005	+11 51 28.8	2	16.373	0.265	0.17
2735	+ 18 2265	8.0	8	...	67.13	65.0	39 6.26	2	3.3297	-0.0139	0.005	+18 27 53.5	2	16.382	0.273	0.17
2736	+ 16 2019	9.0	9	9	66.77	65.0	39 18.13	2	3.3050	-0.0128	0.005	+16 48 42.9	2	16.392	0.270	0.18
2737	+ 0 2552	8.5	8.5	9.0	82.30	82.0	39 22.24	1	3.0774	-0.0044	0.005	+ 0 23 7.3	1	16.396	0.251	0.15
2738	.....	...	10	11	77.18	75.0	39 27.27	2	3.3190	-0.0134	0.005	+17 46 42.5	2	16.400	0.271	0.18
2739	+ 22 2129	9.4	....	9.4	73.15	70.0	39 38.34	2	3.3865	-0.0164	0.005	+22 14 25.6	2	16.409	0.277	0.18
2740	- 4 2717	8.3	8.0	8.5	70.28	70.0	40 29.54	3	3.0101	-0.0023	0.005	- 4 38 44.9	3	16.452	0.244	0.14
2741	+ 58 1215	9.2	....	9.2	71.60	70.0	40 38.66	2	4.3165	-0.0770	0.033	+58 27 26.4	2	16.460	0.352	0.34
2742	+ 14 2146	9.2	9	9	67.17	65.0	40 47.94	2	3.2752	-0.0117	0.005	+14 53 35.6	2	16.467	0.265	0.18
2743	+ 12 2096	Var.	....	Var.	73.22	70.0	40 49.99	2	3.2345	-0.0100	0.005	+12 0 28.4	2	16.469	0.262	0.17
2744	- 5 2902	8.6	8.6	8.7	70.28	70.0	40 51.46	3	3.0021	-0.0020	0.005	- 5 15 7.4	3	16.470	0.243	0.14
2745	+ 14 2147	8.2	....	7	77.25	75.0	41 3.44	2	3.2630	-0.0112	0.005	+14 3 20.5	2	16.480	0.264	0.18
2746	+ 6 2211	9.0	....	9	80.24	80.0	41 4.22	2	3.1541	-0.0070	0.005	+ 6 8 13.0	2	16.481	0.255	0.16
2747	+ 0 2559	9.0	....	9.2	70.15	70.0	41 5.67	2	3.0832	-0.0045	0.005	+ 0 49 26.5	2	16.482	0.249	0.15
2748	+ 24 2135	9.4	....	9.4	81.2	81.0	41 11.33	3	3.4205	-0.0181	0.005	+24 35 5.4	3	16.487	0.277	0.22
2749	+ 4 2247	9.0	8.9	8.9	73.29	73.0	41 19.89	1	3.1360	-0.0064	0.005	+ 4 47 38.8	1	16.494	0.253	0.18
2750	- 21 2907	7.7	....	8-9	83.0	82.0	41 20.85	2	2.7785	+0.0036	0.006	-21 7 24.9	2	16.495	0.223	0.11
2751	+ 58 1216	9.0	....	9.1	73.63	73.0	42 0.20	2	4.3219	-0.0784	0.034	+58 47 8.3	2	16.527	0.350	0.34
2752	+ 8 2268	8.0	....	8.0	77.26	75.0	42 14.44	1	3.1904	-0.0084	0.005	+ 8 52 52.4	1	16.539	0.256	0.17
2753	+ 3 2268	9.2	9	9.2	66.79	65.0	42 21.53	2	3.1140	-0.0056	0.005	+ 3 9 37.9	2	16.545	0.249	0.16
2754	+ 40 2261	7.0	....	6	71.17	71.0	42 32.81	1	3.7102	-0.0339	0.010	+40 12 45.0	1	16.554	0.298	0.25
2755	" "	"	....	6.6	72.12	72.0	32.90	1	"	"	"	45.0	1	"	"	"
2756	+ 17 2141	8.0	....	8	84.0	84.0	43 0.29	4	3.3083	-0.0132	0.005	+17 25 14.9	4	16.577	0.264	0.19
2757	- 21 2912	7.2	....	7.5	83.0	82.0	43 2.18	2	2.7769	+0.0038	0.007	-21 26 18.3	2	16.578	0.221	0.11
2758	+ 11 2108	7.8	....	7-8	85.3	85.0	43 8.26	2	3.2278	-0.0098	0.006	+11 41 24.0	2	16.584	0.258	0.17
2759	" "	"	8	7.5	66.28	65.0	8.77	2	"	"	"	24.2	2	"	"	"
2760	+ 10 2061	8.5	....	...	65.23	65.0	43 29.39	2	3.2081	-0.0091	0.006	+10 15 49.2	2	16.601	0.255	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2721	79 138 u. 147	Leiden, Valentiner	B. D. 2024	31 <sup>8</sup> 3	17' 7	↓ Leonis E. B. — 0 <sup>s</sup> .0009 — 0''002 nach Pulk. Cat.
2722	102 172	Leipzig, Weinek	Pulk. Obs. Vol. VIII p. 265 [Nr. 1538]	55.38	32''6	
2723	69 71	Berlin, Romberg	Albany A. G. C. 3853	57.95	52.4	
2724	102 172	Leipzig, Weinek	Weisse, 774 B. Z. 280	58.38	21.6	
2725	81 71	Berlin, Tietjen	Albany A. G. C. 3854	12.86	28.0	M <sub>1</sub> 4488, 54 <sup>s</sup> .97, 30''4; 9 <sup>m</sup> . Santini etwa 10'' südlicher.
2726	81 71	Berlin, Tietjen	Santini, — 6° 195	54.99	43.6	
2727	85 200	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6065	59.33	55.6	
2728	79 138	Leiden, Becker	Kam 1605	5.80	43.5	
2729	94 285	Berlin, Tietjen	Schjellerup 3581	8.07	32.9	Lund A. G. Z. 155 u. 157, 6 <sup>s</sup> .09, 45''0; 8 <sup>m</sup> .8.
2730	86 313	Leiden, E. Bakhuyzen	.....	.....	.....	
2731	85 200	Leiden, E. Bakhuyzen	.....	.....	.....	
2732	88 21	Berlin, Becker	Weisse, 816 B. Z. 149	34.36	50.8	
2733	91 215	Pola, J. Palisa	Cordoba G. C. 13265	37.91	52.0	} Siehe Noten.
2734	86 109	Hamburg, Pechüle	B. B. VI 2097	55.35	27.9	
2735	69 71	Berlin, Romberg	Rümker 2937	6.12	51.7	
2736	69 71	Berlin, Romberg	Weisse, 812 u. 814 B. Z. 274, 280	17.95	41.2	
2737	102 301, 111 224	Berlin, Leman	M <sub>2</sub> 2853	22.32	6.4	
2738	92 247	Pola, J. Palisa	J. Palisa, Sternkarte Nr. 4	26.9	46' 8	
2739	84 243	Berlin, Tietjen	B. D. 2129	39.6	14.6	
2740	79 74	Leipzig, Engelmann	Schjellerup 3594	29.45	44''2	
2741	81 71	Berlin, Tietjen	B. D. 1215	39.3	27' 1	A. N. — 1 <sup>s</sup> corrigirt. Siehe Noten.
2742	69 71	Berlin, Romberg	Paris Cat <sub>2</sub> 12024	48.02	35''2	
2743	84 243	Berlin, Tietjen	Greenw. New 7 Y. Cat. 1201	50.05	27.1	
2744	79 74	Leipzig, Engelmann	Schjellerup 3600-1	51.48	8.1	
2745	94 307	Berlin, Tietjen	Paris Cat <sub>2</sub> 12028	3.40	21.6	Siehe Noten.
2746	111 53	Hamburg, Schrader	Paris Cat <sub>2</sub> 12029	4.18	13.9	
2747	81 71	Berlin, Tietjen	Albany A. G. C. 3874	5.60	26.3	
2748	102 293	Königsberg, Rahts	B. B. VI 2135	10.84	6.8	
2749	84 179	Leipzig, Engelmann	Albany A. G. C. 3875	19.90	37.1	In B. D. ist der Buchstabe B hinzuzufügen.
2750	105 93	Albany	Arg.-Weiss 8112	20.87	25.3	
2751	85 200	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6087	0.36	9.2	
2752	94 307	Berlin, Tietjen	Pulkowa Obs. Vol. VIII p. 337 [Nr. 731]	14.36	55.8	
2753	69 71	Berlin, Romberg	Albany A. G. C. 3877	21.51	36.2	Bonn A. G. C. 7321, 32 <sup>s</sup> .83, 45''1; 7 <sup>m</sup> .0.
2754	79 138	Leiden, Becker	Glasgow Cat. I 2549	32.81	44.4	
2755	81 155	Leiden, Valentiner	Greenwich 10 Y. Cat. 1616	32.75	45.5	
2756	111 103	Pulkowa, Romberg	Paris Cat <sub>2</sub> 12072	0.21	14.9	
2757	105 93	Albany	B. B. VI p. 349, Nr. 108	2.17	16.3	E. B. nach Gr. Cat. + 0 <sup>s</sup> .0005 + 0''025; A. N. corr. S. Noten.
2758	112 395	Cap	Paris Cat <sub>2</sub> 12078	8.49	22.4	
2759	69 71	Berlin, Romberg	Brüssel Cat. 4096	8.75	24.0	
2760	69 71	Berlin, Romberg	Kam 1629	29.48	49.3	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
2761	+ 24° 2141	9.5	....	9.5	81.2	81.0	9 <sup>h</sup> 43 <sup>m</sup> 37 <sup>s</sup> 35	4	+ 3 <sup>s</sup> 4133	— 0 <sup>s</sup> 0180	+ 0 <sup>s</sup> 0005	+ 24° 28' 20" 2	2	16" 607	— 0" 272	+ 0" 20
2762	+ 5 2239	8.5	....	9	80.24	80.0	43 45.63	2	3.1484	— 0.0068	0.0005	+ 5 48 13.4	3	16.614	0.250	0.16
2763	+ 58 1218	9.3	....	9.3	73.27	73.0	43 48.16	3	4.2938	— 0.0772	0.033	+ 58 30 2.2	3	16.616	0.343	0.39
2764	— 0 2256	8.0	....	8.0	82.3	82.0	44 1.73	..	3.0613	— 0.0038	0.0005	— 0 50 22.1	..	16.627	0.243	0.15
2765	+ 40 2266	7.5	....	7.5	71.11	71.0	44 6.35	2	3.7037	— 0.0339	0.010	+ 40 12 22.4	2	16.631	0.295	0.25
2766	+ 44 1918	7.8	....	...	83.2	83.0	44 37.42	..	3.7926	— 0.0397	0.013	+ 44 3 12.7	..	16.656	0.301	0.27
2767	+ 36 2004	7.3	....	7.6	70.16	70.0	44 45.44	2	3.6306	— 0.0297	0.008	+ 36 53 20.4	2	16.663	0.287	0.24
2768	+ 58 1219	8.3	....	8.4	71.60	70.0	44 46.36	2	4.2916	— 0.0776	0.033	+ 58 36 55.2	2	16.663	0.341	0.35
2769	+ 70 587	9.5	....	9.2	74.19	74.0	45 5.70	2	5.1382	— 0.1671	0.133	+ 70 14 12.4	2	16.679	0.409	0.62
2770	— 5 2923	6.8	7.3	6.6	70.28	70.0	45 7.98	3	2.9995	— 0.0017	0.006	— 5 35 58.5	3	16.681	0.235	0.14
2771	+ 13 2168	9.3	9.5	9.3	75.23	80.0	45 16.18	2	3.2553	— 0.0110	0.006	+ 13 52 7.8	2	16.688	0.256	0.13
2772	+ 46 1557	8.5	8.5	8.9	75.18	80.0	45 30.19	2	3.8458	— 0.0435	0.014	+ 46 15 27.8	2	16.699	0.303	0.28
2773	+ 7 2196	9.0	....	9	77.26	75.0	45 33.34	1	3.1639	— 0.0074	0.006	+ 7 3 22.9	1	16.701	0.248	0.16
2774	+ 46 1558	9.5	....	9.5	74.2	73.0	45 50.67	2	3.8517	— 0.0440	0.014	+ 46 32 23.6	2	16.715	0.303	0.28
2775	.....	...	10	...	77.26	75.0	46 1.32	1	3.2545	— 0.0110	0.006	+ 13 52 42.6	1	16.724	0.255	0.18
2776	+ 4 2261	9.2	....	9.0	81.2	81.0	46 20.47	3	3.1299	— 0.0061	0.006	+ 4 28 48.4	3	16.740	0.244	0.16
2777	+ 7 2200	9.2	....	9	77.22	75.0	46 42.92	2	3.1642	— 0.0074	0.006	+ 7 8 23.1	2	16.757	0.246	0.16
2778	+ 11 2120	9.1	....	9.1	85.1	85.0	46 44.97	2	3.2224	— 0.0097	0.006	+ 11 33 18.0	2	16.759	0.251	0.17
2779	+ 10 2067	8.0	8.9	8	82.28	82.0	47 17.79	2	3.2124	— 0.0093	0.006	+ 10 50 44.8	2	16.786	0.249	0.17
2780	» »	»	....	7-8	80.2	80.0	18.18	..	»	»	»	47.2	..	»	»	»
2781	+ 18 2285	8.8	9	8.5	67.13	65.0	47 23.67	2	3.3210	— 0.0140	0.006	+ 18 47 27.0	2	16.790	0.258	0.19
2782	+ 24 2149	9.4	....	9.4	81.2	81.0	47 58.91	..	3.3998	— 0.0178	0.006	+ 24 12 58.6	..	16.818	0.263	0.20
2783	+ 7 2205	9.0	....	9	70.16	70.0	48 3.16	2	3.1703	— 0.0077	0.006	+ 7 40 29.6	2	16.821	0.244	0.16
2784	» »	»	....	9	78.28	77.0	3.27	2	»	»	»	29.2	2	»	»	»
2785	.....	...	....	10½	75.20	75.0	48 14.98	4	3.2512	— 0.0110	0.006	+ 13 49 50.4	4	16.831	0.251	0.18
2786	.....	...	10	...	75.3	75.0	15.05	..	»	»	»	49.5	..	»	»	»
2787	+ 10 2072	8.2	....	8	77.26	77.0	48 43.38	2	3.2092	— 0.0092	0.006	+ 10 42 8.6	2	16.853	0.246	0.17
2788	— 0 2268	8.8	8.8	8.8	82.30	82.0	48 44.03	2	3.0622	— 0.0037	0.006	— 0 47 46.6	2	16.854	0.235	0.15
2789	— 21 2935	6.0	....	6.3	83.1	82.0	48 44.10	4	2.7810	+ 0.0043	0.007	— 21 53 50.7	4	16.854	0.212	0.11
2790	+ 8 2287	9.0	9	9	75.23	80.0	48 57.33	2	3.1828	— 0.0082	0.006	+ 8 41 33.6	2	16.864	0.244	0.17
2791	+ 71 521	9.0	....	9.0	75.14	75.0	49 9.87	2	5.2561	— 0.1889	0.172	+ 71 41 36.2	2	16.874	0.407	0.68
2792	— 19 2865	8.0	....	7-8	83.0	82.0	49 36.20	2	2.8188	+ 0.0035	0.006	— 19 23 16.3	2	16.895	0.214	0.11
2793	+ 36 2013	9.2	....	8.8	70.23	70.0	49 48.74	2	3.6109	— 0.0297	0.008	+ 36 49 51.2	2	16.905	0.276	0.23
2794	+ 41 2033	5.2	....	5.1	72.05	71.0	50 1.19	2	3.7110	— 0.0360	0.012	+ 41 38 58.9	2	16.914	0.283	0.20
2795	+ 4 2268	8.5	8.6	9.0	73.29	73.0	50 19.36	2	3.1294	— 0.0061	0.006	+ 4 33 38.4	2	16.929	0.237	0.16
2796	» »	»	....	8.6	73.22	70.0	19.40	2	»	»	»	38.8	2	»	»	»
2797	+ 13 2180	9.5	....	...	77.28	75.0	50 25.87	2	3.2475	— 0.0109	0.006	+ 13 45 1.7	2	16.934	0.246	0.18
2798	+ 14 2168	9.0	8.9	9	73.78	73.0	50 50.40	2	3.2531	— 0.0112	0.006	+ 14 12 45.5	2	16.953	0.246	0.18
2799	+ 7 2212	9.5	....	9.5	70.15	70.0	51 27.93	2	3.1667	— 0.0076	0.006	+ 7 33 47.3	2	16.982	0.238	0.17
2800	+ 13 2185	9.5	9.5	...	75.25	80.0	51 44.53	2	3.2471	— 0.0110	0.006	+ 13 50 15.5	2	16.995	0.244	0.18

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2761	102 293	Königsberg, Rahts	B. D. 2141	39 <sup>s</sup> 4	28' 0	
2762	111 53, 101 201	Hamburg, Schrader	Schjellerup 3615	45.53	14"1	
2763	85 200	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6097	48.01	1.9	
2764	105 71	Cap	Göttingen Cat. I 3306-7	1.80	24.0	A. N. Declin. + 4' corrigirt. Siehe Noten.
2765	79 138	Leiden, Becker	Greenwich 10 Y. Cat. 1619	6.33	22.0	Bonn A. G. C. 7333, 6 <sup>s</sup> .33, 23"0; 7 <sup>m</sup> .7.
2766	108 21	O'Gyalla Kobold	Lalande 19284	37.44	9.6	Fehlt im Pariser Cat. Bonn A.G.C. 7340, 37 <sup>s</sup> .73, 8"0; 8 <sup>m</sup> .2.
2767	81 71	Berlin, Tietjen	Lund A. G. Z. 150 u. 167	45.52	19.0	
2768	81 71	Berlin, Tietjen	Helsingfors A. G. C. 6102	46.45	56 3	
2769	86 315	Leiden, E. Bakhuyzen	Pulkowa Cat. 1875.0, 2190	6.12	13.0	A. N. Declin. + 10' corrigirt, siehe Noten.
2770	79 75	Leipzig, Engelmann	Cordoba G. C. 13418	8.02	57.9	
2771	88 21	Berlin, Becker	B. D. 2168	13.5	51' 6	
2772	88 21	Berlin, Becker und [Knorre]	Arg.-Oeltzen 10319-20	30.06	28"2	Bonn A.G.C. 7347, 29 <sup>s</sup> .90, 27"4; 8 <sup>m</sup> .2
2773	91 215	Pola, J. Palisa	Weisse, 962 B.Z. 69	33.45	23.6	
2774	89 35	Leiden, E. Bakhuyzen	B. D. 1558	49.9	30' 6	
2775	91 215	Pola, J. Palisa	Leiden, mikrom. Anschluss	59.2	52.2	Siehe Noten.
2776	102 293	Königsberg, Rahts	Albany A. G. C. 3896	20.29	46"7	
2777	91 215	Pola, J. Palisa	Weisse, 989 B.Z. 69	42.96	16.7	Siehe Noten.
2778	112 395	Cap.	B. D. 2120	44.9	33' 4	
2779	102 301	Berlin, Leman	Glasgow Cat. I 2574	17.86	46"9	
2780	98 41	Kremsmünster	Weisse, 998 B. Z. 71 u. 155	17.91	46.3	Paris Cat, 12152, 17 <sup>s</sup> .71, 47"3; 7 <sup>m</sup> .8.
2781	69 71	Berlin, Romberg	Kam Verzeichn. III Nr. 93	23.52	47' 4	
2782	102 287	Pola	B. D. 2149	0.8	13.9	Verbunden mit Kremsmünster.
2783	81 71	Berlin, Tietjen	Paris Cat, 12168	3.16	29"6	
2784	94 285	Berlin, Tietjen	Glasgow Cat. I 2578	3.21	29.5	
2785	89 22, 107 109	Leiden, E. Bakhuyzen [und Haga]	Markree Cat. Vol. IV p. 128	15.3	50' 0	
2786	85 382	Pola, J. Palisa	.....	.....	.....	A. N. + 2 <sup>m</sup> corrigirt cf. Publ. XVIII der A.G. Siehe Noten.
2787	94 295 u. 307	Berlin, Tietjen	Glasgow Cat. I 2581	43.36	7"4	
2788	102 301	Berlin, Leman	Göttingen Cat. I 3326-7	44.02	45.8	
2789	108 389	Strassburg, Schur	Cordoba G. C. 13500	44.12	52.1	
2790	88 21 u. 56	Berlin, Becker	Schjellerup 3648	57.18	32.9	
2791	89 22, 107 57	Leiden, Haga	B. D. 521	9.	40' 2	
2792	105 93	Albany	Arg.-Weiss 8212	36.43	16"8	
2793	81 71	Berlin, Tietjen	Lund A. G. Z. 150 u. 167	48.65	48.9	E B nach F. Cat. — 0 <sup>s</sup> .0117 — 0"006. Bonn A. G. C. 7379, [1 <sup>s</sup> .35, 59"0; 5 <sup>m</sup> .1. (E. B. * Paris 12216 — 0 <sup>s</sup> .0118 — 0"011.
2794	79 138	Leiden, Valentiner	Fund. Cat. der A. G. 422	1.35	59.0	
2795	84 179	Leipzig, Engelmann	M, 2948	19.20	38.4	
2796	84 243	Berlin, Tietjen	Albany A. G. C. 3912	19.47	37.9	
2797	94 307	Berlin, Tietjen	Greenwich 6 Year Cat. 688	25.75	0.2	A. N. A. R. — 10 <sup>s</sup> corrigirt; siehe Noten.
2798	84 179	Leipzig, Engelmann	Weisse, 1066 B.Z. 149	50.97	45.2	Siehe Noten.
2799	81 71	Berlin, Tietjen	B. D. 2212	28.0	33' 3	
2800	88 21	Berlin, Becker	Greenwich 6 Year Cat. 690	44.51	6"9	Siehe Noten.

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHÉ DER		MITTLERE A.R. 1875.0	ZAHLE DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHLE DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
1800 +																
2801	+ 41°20'36	8.5	....	...	71.11	71.0	9h 51m 59s 91	1	+ 38.7041	-0.0361	+0.011	+41°43' 39"1	1	17"007	-0"279	+ 0"26
2802	» »	»	9	9-10	72.12	72.0	60.02	1	»	»	»	39.3	1	»	»	»
2803	- 20 3062	9.1	....	9.1	83.1	82.0	52 38.98	4	2.8100	+0.0040	0.007	-20 23 43.4	4	17.037	0.209	0.12
2804	+ 15 2145	9.4	....	9.4	77.28	76.0	52 54.66	2	3.2690	-0.0120	0.006	+15 36 49.5	2	17.049	0.244	0.18
2805	+ 10 2086	8.7	....	8.7	73.84	75.0	52 58.05	3	3.1952	-0.0088	0.006	+ 9 54 50.5	3	17.052	0.238	0.17
2806	+ 15 2146	8.9	....	8-9	77.26	76.0	53 6.87	2	3.2669	-0.0119	0.006	+15 28 31.0	2	17.058	0.243	0.12
2807	+ 14 2182	9.0	8.9	9	82.21	82.0	53 13.75	2	3.2586	-0.0115	0.006	+14 51 38.1	2	17.064	0.242	0.13
2808	+ 4 2276	6.5	....	6.6	81.2	81.0	53 14.06	3	3.1211	-0.0058	0.006	+ 3 58 52.3	3	17.064	0.232	0.16
2809	+ 16 2057	9.4	....	9.4	82.3	82.0	53 16.70	..	3.2787	-0.0125	0.006	+16 23 10.0	..	17.066	0.244	0.18
2810	+ 8 2309	9.0	8.5	9	75.23	80.0	53 20.07	2	3.1776	-0.0080	0.006	+ 8 32 0.8	2	17.069	0.236	0.17
2811	+ 15 2147	9.2	....	9.2	73.3	73.0	53 33.39	3	3.2606	-0.0116	0.006	+15 2 45.1	3	17.079	0.242	0.13
2812	+ 57 1245	7.8	....	7.3	73.25	73.0	53 49.95	2	4.1865	-0.0744	0.036	+57 53 3.3	2	17.091	0.312	0.37
2813	- 6 3055	8.8	....	9.5	70.13	70.0	54 8.82	2	2.9876	-0.0009	0.006	- 6 55 10.2	2	17.106	0.220	0.14
2814	+ 8 2303	8.9	....	9	77.28	75.0	54 18.50	1	3.1804	-0.0082	0.006	+ 8 49 4.1	1	17.113	0.234	0.17
2815	+ 9 2280	8.1	8.3	8	86.27	86.0	54 23.35	2	3.1895	-0.0086	0.006	+ 9 33 3.3	2	17.117	0.235	0.17
2816	» »	»	....	8	65.73	65.0	23.44	2	»	»	»	6.1	2	»	»	»
2817	- 6 3056	8.3	8.5	9	70.28	70.0	54 29.78	3	2.9930	-0.0011	0.006	- 6 29 52.5	3	17.122	0.220	0.12
2818	+ 13 2193	9.5	9.5	9.5	75.28	80.0	55 7.63	2	3.2412	-0.0108	0.006	+13 42 0.8	2	17.150	0.238	0.17
2819	+ 50 1707	6.7	....	6.6	81.7	81.0	55 7.93	3	3.9192	-0.0527	0.022	+50 42 40.7	3	17.151	0.289	0.50
2820	- 6 3059	8.9	8.9	9	69.25	69.0	55 8.13	2	2.9926	-0.0010	0.006	- 6 33 12.6	2	17.151	0.219	0.14
2821	+ 16 2064	8.3	8.5	8-9	82.28	82.0	55 15.07	2	3.2703	-0.0122	0.006	+15 57 47.0	2	17.156	0.240	0.18
2822	+ 13 2194	8.5	....	9	77.28	75.0	55 23.06	2	3.2383	-0.0107	0.006	+13 30 6.5	2	17.162	0.237	0.18
2823	+ 14 2190	9.1	9.1	9	82.20	82.0	55 26.70	1	3.2560	-0.0115	0.006	+14 53 12.7	1	17.165	0.238	0.18
2824	+ 10 2095	9.0	....	9	77.26	77.0	55 41.72	2	3.2027	-0.0092	0.006	+10 42 11.0	2	17.176	0.234	0.17
2825	+ 44 1945	9.0	9	9	75.25	80.0	55 42.43	2	3.7432	-0.0399	0.014	+44 11 41.6	2	17.177	0.274	0.27
2826	+ 10 2096	9.0	....	9	80.20	80.0	55 47.77	1	3.2005	-0.0090	0.006	+10 32 24.0	1	17.181	0.233	0.17
2827	» »	»	....	9	80.3	80.0	47.93	..	»	»	»	20.4	..	»	»	»
2828	+ 15 2157	8.2	....	8.5	77.27	76.0	55 49.80	1	3.2562	-0.0116	0.006	+14 56 28.5	1	17.182	0.237	0.18
2829	- 0 2282	9.5	....	9.5	70.25	70.0	55 50.20	3	3.0622	-0.0035	0.006	- 0 50 4.9	3	17.182	0.223	0.15
2830	+ 8 2309	9.1	9	9.1	75.20	80.0	55 51.84	2	3.1751	-0.0080	0.006	+ 8 29 27.7	2	17.184	0.231	0.17
2831	+ 49 1909	7.2	8	7.0	80.07	80.0	56 9.89	2	3.8689	-0.0492	0.021	+49 11 40.0	2	17.197	0.283	0.50
2832	+ 4 2281	8.5	8.7	8.7	73.29	73.0	56 12.73	2	3.1236	-0.0058	0.006	+ 4 16 21.7	2	17.199	0.227	0.10
2833	+ 3 2308	9.1	....	9.1	81.2	81.0	56 16.05	3	3.1162	-0.0055	0.006	+ 3 39 46.5	3	17.202	0.226	0.10
2834	+ 6 2247	8.6	8.6	9	73.78	73.0	56 45.27	2	3.1522	-0.0070	0.006	+ 6 39 34.0	2	17.224	0.228	0.17
2835	+ 10 2099	9.4	....	9.4	80.3	80.0	56 48.95	..	3.1972	-0.0089	0.006	+10 20 42.6	..	17.226	0.231	0.17
2836	+ 15 2161	9.5	....	...	76.2	76.0	56 50.56	..	3.2616	-0.0119	0.006	+15 28 0.9	..	17.228	0.236	0.18
2837	+ 14 2193	7.7	....	8	77.27	75.0	56 52.66	2	3.2437	-0.0110	0.006	+14 4 16.9	2	17.229	0.235	0.18
2838	- 20 3088	7.7	....	7	83.0	82.0	57 20.37	2	2.8197	+0.0039	0.008	-20 19 35.2	2	17.250	0.203	0.12
2839	+ 9 2285	9.2	....	9.2	66.77	65.0	57 23.81	2	3.1891	-0.0086	0.006	+ 9 43 30.7	2	17.252	0.230	0.17
2840	+ 9 2286	9.3	....	9.3	74.12	74.0	57 27.65	1	3.1846	-0.0084	0.006	+ 9 21 52.4	1	17.255	0.229	0.17



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2801	79 138	Leiden, Becker	Kam 1657	59 <sup>s</sup> 90	37 <sup>m</sup> 8	Bonn A.G.C. 7393, 59 <sup>s</sup> .85, 40 <sup>m</sup> .8; 8 <sup>m</sup> .4.
2802	81 135	Leiden, Valentiner	Paris Cat, 12258	59.80	40.6	
2803	108 389	Strassburg Schur	Wash. Obs. 1882 p. 175, [No. 336]	38.94	41.7	A. N. Declin. — 4 corrigirt cf. A. N. 109, 79
2804	94 307	Berlin, Tietjen	B. B. VI 2145	54.13	48.2	
2805	86 109	Hamburg, Lindstedt [u. Pechüle]	B. D. 2086	57.9	54' 2	
2806	94 307	Berlin, Tietjen	Paris Cat, 12277	6.68	30" 2	
2807	102 171	Leipzig, Weinek	Schjellerup 3675	13.54	38.5	
2808	102 293	Königsberg, Rahts	Albany A.G.C. 3928	14.03	52.5	
2809	105 381	Wien	B. D. 2057	17.2	23' 1	
2810	88 21	Berlin, Becker	Weisse, 1122 B.Z. 69	20.40	2" 1	
2811	84 164	Washington	B. D. 2147	32.8	3' 6	
2812	85 200	Leiden, E. Bakhuyzen [und Valentiner]	Helsingfors A.G.C. 6164	50.00	3" 7	
2813	81 71	Berlin, Tietjen	M, 2986	8.72	10.7	Controlestern. Siehe Publ. XVIII der A.G. und Noten.
2814	94 307, 88 56	Berlin, Tietjen	Brüssel 4172	18.36	7.3	
2815	Public. XVIII der A.G.	Pulkowa, Romberg	Brüssel 4174	24.16	5.1	
2816	69 71	Berlin, Romberg	Glasgow Cat. I 2600	23.32	4.2	
2817	79 75	Leipzig, Engelmann	Schjellerup 3681	29.82	53.1	
2818	88 21	Berlin, Becker	B. B. VI 2193	7.93	59.5	Cambr. (M.) A.G.C. 3549, 8 <sup>s</sup> .32, 39 <sup>m</sup> .8; 6 <sup>m</sup> .0.
2819	101 135, 108 185	Warschau, Kowalczyk	Pulkowa Cat. 1875.0, 2221	8.24	39.7	
2820	76 43	Leipzig, Engelmann	Weisse, 1159 B.Z. 226	8.48	13.8	
2821	102 301	Berlin, Leman	Paris Cat, 12312	15.13	46.8	Bonn A.G.C. 7427, 42 <sup>s</sup> 53, 40 <sup>m</sup> .0; 9 <sup>m</sup> .0.
2822	94 307, 105 380	Berlin, Tietjen	Paris Cat, 12315	23.19	7.6	
2823	102 171	Leipzig, Weinek	Weisse, 1162 B.Z. 149	27.07	11.3	
2824	94 295 u. 307	Berlin, Tietjen	Weisse, 1168 B.Z. 71	41.51	14.2	
2825	88 21	Berlin, Becker	Weisse, 1152 B.Z. 497	42.04	42.8	
2826	98 135	Pola, J. Palisa	Paris Cat, 12328	47.75	23.7	
2827	98 42	Kremsmünster	Lalande 19611	47.37	27.4	
2828	94 307	Berlin, Tietjen	Schjellerup 3688	49.81	30.0	
2829	76 317	Leiden, Valentiner	B. D. 2282	50.2	50' 7	
2830	88 21	Berlin, Becker	B. D. 2309	51.3	29.7	
2831	98 135	Pola, J. Palisa	B. B. VI 1909	9.70	39" 6	Bonn A.G.C. 7431, 9 <sup>s</sup> .97, 38 <sup>m</sup> .4; 7 <sup>m</sup> .3.
2832	84 179	Leipzig, Engelmann	Albany A.G.C. 3939	12.79	20.9	
2833	102 293	Königsberg, Rahts	Albany A.G.C. 3941	15.79	45.9	Paris Cat, 12353, 48 <sup>s</sup> .76, 36 <sup>m</sup> .3; 10 <sup>m</sup> .
2834	84 179	Leipzig, Engelmann	Paris Cat, 12351	45.31	33.1	
2835	98 41	Kremsmünster	B. B. VI 2099	48.73	42.2	
2836	90 197	Cambridge (M)	A. N. 88, 245 mikr. Anschluss	50.38	2.9	
2837	94 309	Berlin, Tietjen	Schjellerup 3693	52.55	18.5	
2838	105 93	Albany	Arg.-Weiss 8304	20.61	34.6	
2839	69 71	Berlin, Romberg	B. D. 2285	24.8	44' 1	
2840	86 315, 89 35	Leiden, E. Bakhuyzen	B. D. 2286	28.0	22.1	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
2841	+ 9° 2286	9.3	....	...	73.24	73.0	9h 57m 27s 71	1	+ 3s 1846	—0s 0084	+0s 0006	+ 9° 21' 51" 2	1	17" 255	—0" 229	+ 0" 17
2842	+ 9 2288	9.1	....	9	74.08	74.0	57 43.38	2	3.1849	—0.0084	0.006	+ 9 24 38.0	2	17.267	0.229	0.17
2843	» »	»	....	...	73.22	70.0	43.40	2	»	»	»	39.0	2	»	»	»
2844	+ 8 2315	9.5	....	9.5	77.26	75.0	58 2.80	2	3.1708	—0.0078	0.006	+ 8 16 10.9	2	17.281	0.227	0.17
2845	+ 13 2199	8.5	....	8.5	77.28	75.0	58 11.20	2	3.2343	—0.0107	0.006	+13 27 10.5	2	17.287	0.232	0.18
2846	+ 10 2102	9.1	....	9.1	80.20	80.0	58 16.43	1	3.1972	—0.0090	0.006	+10 27 8.3	1	17.291	0.229	0.17
2847	+ 31 2095	7.5	7.5	7.5	83.27	83.0	58 24.48	3	3.4899	—0.0242	0.009	+31 41 36.3	2	17.298	0.250	0.21
2848	+ 50 1713	9.2	9.2	9	82.27	81.0	58 26.94	3	3.9023	—0.0528	0.022	+50 49 42.3	3	17.299	0.280	0.30
2849	+ 44 1951	9.0	9	9	75.23	80.0	58 29.96	2	3.7292	—0.0398	0.016	+44 10 47.2	2	17.301	0.268	0.27
2850	.....	...	10	...	75.3	75.0	58 31.89	..	3.2384	—0.0109	0.006	+13 48 30.7	..	17.303	0.231	0.18
2851	.....	...	10	...	75.27	80.0	31.94	2	»	»	»	31.4	2	»	»	»
2852	+ 9 2289	8.8	....	9	75.07	75.0	58 33.81	1	3.1824	—0.0083	0.006	+ 9 15 35.8	1	17.304	0.227	0.17
2853	» »	...	9	...	66.80	65.0	33.83	2	»	»	»	36.6	2	»	»	»
2854	+ 72 479	7.5	....	7	75.14	75.0	58 36.10	3	5.1886	—0.1967	0.203	+72 17 51.1	3	17.306	0.375	0.65
2855	+ 44 1952	9.0	9	9	75.28	80.0	58 46.52	2	3.7274	—0.0398	0.015	+44 9 36.0	2	17.314	0.267	0.27
2856	+ 57 1249	8.8	....	8.6	73.25	73.0	59 2.14	2	4.1440	—0.0740	0.039	+57 51 36.3	2	17.325	0.297	0.36
2857	+ 10 2108	9.3	....	9.3	80.21	80.0	59 2.38	1	3.1940	—0.0088	0.006	+10 15 6.1	1	17.325	0.227	0.17
2858	+ 3 2314	8.3	....	8.2	81.2	81.0	59 40.50	3	3.1078	—0.0051	0.006	+ 3 2 13.6	3	17.353	0.220	0.16
2859	+ 19 2299	9.1	9.1	9	74.26	70.0	59 46.90	2	3.3059	—0.0142	0.007	+19 14 30.9	2	17.358	0.234	0.18
2860	+ 15 2166	9.5	....	...	76.3	76.0	10 0 13.38	..	3.2554	—0.0117	0.006	+15 20 39.9	..	17.377	0.230	0.18
2861	+ 14 2202	8.8	8.9	...	82.21	82.0	0 17.31	2	3.2481	—0.0114	0.006	+14 45 59.1	2	17.380	0.229	0.18
2862	+ 9 2301	8.8	....	9	67.13	65.0	0 30.81	2	3.1822	—0.0083	0.006	+ 9 22 48.0	2	17.390	0.224	0.17
2863	.....	...	....	10	77.26	75.0	0 49.55	2	3.2550	—0.0118	0.006	+15 22 56.6	2	17.403	0.228	0.18
2864	+ 13 2208	8.0	....	8.1	77.26	76.0	0 53.36	2	3.2333	—0.0107	0.006	+13 38 0.0	2	17.406	0.227	0.18
2865	+ 7 2243	9.0	9.3	9.0	72.19	72.0	1 25.89	2	3.1582	—0.0073	0.006	+ 7 24 6.5	2	17.430	0.220	0.16
2866	— 1 2351	9.3	....	9	81.3	81.0	1 35.97	3	3.0546	—0.0030	0.006	— 1 31 56.9	3	17.437	0.213	0.15
2867	+ 57 1250	9.0	....	9.0	73.26	73.0	1 38.31	3	4.1212	—0.0736	0.039	+57 48 47.8	3	17.439	0.289	0.36
2868	+ 13 2212	9.0	....	...	77.27	76.0	1 53.20	2	3.2333	—0.0108	0.006	+13 44 12.8	2	17.449	0.225	0.18
2869	— 7 2963	8.8	8.8	9	70.26	70.0	2 12.72	2	2.9876	—0.0004	0.006	— 7 20 19.3	2	17.463	0.207	0.14
2870	— 17 3068	8.2	....	8.2	83.0	82.0	2 23.08	2	2.8614	+0.0036	0.008	—17 48 40.0	2	17.471	0.197	0.12
2871	+ 14 2208	9.3	9.3	9.3	76.3	75.0	2 51.34	..	3.2373	—0.0110	0.006	+14 10 4.0	..	17.491	0.223	0.18
2872	+ 10 2116	7.5	....	7-8	74.2	74.0	2 53.53	2	3.1899	—0.0087	0.006	+10 12 16.5	2	17.492	0.220	0.17
2873	+ 19 2308	8.8	8.8	8.8	74.19	70.0	3 14.87	2	3.2980	—0.0141	0.007	+19 5 43.4	2	17.508	0.227	0.18
2874	— 17 3072	7.2	....	6.9	83.1	82.0	3 17.12	4	2.8664	+0.0036	0.007	—17 31 33.9	4	17.509	0.196	0.13
2875	+ 12 2160	8.5	8.5	9-10	83.22	80.0	3 47.95	1	3.2125	—0.0098	0.006	+12 11 35.7	1	17.531	0.220	0.17
2876	+ 30 1974	7.5	7.5	7.5	83.27	83.0	4 35.16	3	3.4563	—0.0232	0.009	+30 45 50.4	3	17.565	0.236	0.21
2877	.....	...	....	10½	80.20	80.0	4 51.72	2	3.1850	—0.0085	0.006	+ 9 55 49.9	2	17.576	0.216	0.17
2878	+ 14 2217	7.0	7.7	6.6	73.29	73.0	4 54.58	1	3.2323	—0.0108	0.006	+13 58 17.9	1	17.578	0.219	0.18
2879	» »	»	....	7	72.31	72.0	54.70	2	»	»	»	15.6	2	»	»	»
2880	» »	»	....	6	72.23	70.0	54.71	2	»	»	»	13.7	2	»	»	»

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
2841	85 200	Leiden, E. Bakhuyzen	.....	.....	.....	Derselbe Stern wie Nr. 2840.
2842	86 315, 89 35	Leiden, E. Bakhuyzen	Weisse, 1221 B. Z. 155	43 <sup>s</sup> 19	38" 3	
2843	84 243	Berlin, Tietjen	.....	.....	.....	
2844	91 215	Pola, J. Palisa	B. D. 2315	0.6	16' 5	
2845	94 309	Berlin, Tietjen	B. B. VI 2199	11.23	10" 4	
2846	98 135	Pola, J. Palisa	B. D. 2102	16.5	25' 6	
2847	106 325	Neuenburg, Hilfiker	Leiden A. G. Z. 163, 278	24.72	35" 5	Pulk. Cat. 1875.0, 2227, 24 <sup>s</sup> .67, 34" 9; 8 <sup>m</sup> .2. <b>Σ</b> . 1406 Med.
2848	[108 185]	Pulkowa, Romberg	Arg.-Oeltzen 10515	27.08	43.0	Cambr. (M) A. G. C. 3564, 27 <sup>s</sup> .06, 42" 4; 8 <sup>m</sup> .6. Siehe Note [zu Nr. 1718]
2849	88 23	Berlin, Becker	Weisse, 1206 B. Z. 497	30.01	47.9	Bonn A. G. C. 7448, 30 <sup>s</sup> .11, 48" 4; 9 <sup>m</sup> .1. A. N. corrig. S. Noten.
2850	85 381	Pola, J. Palisa	.....	.....	.....	Siehe Noten.
2851	88 21	Berlin, Becker	.....	.....	.....	
2852	86 111	Hamburg, Lindstedt	Weisse, 1238 B. Z. 155	33.10	41.0	Siehe Noten.
2853	69 71	Berlin, Romberg	.....	.....	.....	A. N. 3 — 1' corrigirt, cf. Puhl. XVIII der A. G.
2854	89 22, 107 57	Leiden, Haga	Arg.-Oeltzen 10503	36.54	53.0	Dorpat Obs. Vol. XVIII p. (32) A. G. Z. 36 <sup>s</sup> .44, 52" 0; 7 <sup>m</sup> .5.
2855	88 23	Berlin, Becker	Weisse, 1229 B. Z. 497	47.45	29.5	Bonn A. G. C. 7455, 47 <sup>s</sup> .22, 30" 8; 9 <sup>m</sup> .2 Siehe Noten.
2856	85 200	Leiden, E. Bakhuyzen [u. Valentiner]	Helsingfors A. G. C 6211	2.19	36.4	
2857	98 135	Pola, J. Palisa	B. D. 2108	0.8	16' 7	
2858	102 293	Königsberg, Rahts	Albany A. G. C 3951	40.32	12" 7	
2859	84 231	Berlin, Knorre	Weisse, 1252 B. Z. 275	46.72	27.7	
2860	90 197	Cambridge (M)	A. N. 90, 197 mikr. Anschluss	12.90	40.9	Wash. Obs. 1876 p. 524 N <sup>o</sup> . 275, 13 <sup>s</sup> .15, 39" 7; 9 <sup>m</sup> .7.
2861	102 171	Leipzig, Weinek	A. N. 102, 110 mikr Anschluss	17.67	4.9	
2862	69 71	Berlin, Romberg	Weisse, 1271 B. Z. 155	30.56	51.5	
2863	91 215, 105 381	Pola, J. Palisa	A. N. 89, 61 mikr. Anschluss	50.00	56.0	
2864	94 309	Berlin, Tietjen	Yarnall 4306	53.40	59.5	
2865	81 365	Leipzig, Engelmann	B. D. 2243	28.4	24' 5	
2866	102 293	Königsberg, Rahts	M <sub>1</sub> 4925	35.80	59" 6	M <sub>1</sub> — 1' corrigirt. Siehe Noten.
2867	85 200	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6234	38.26	47.7	
2868	94 309	Berlin, Tietjen	A. N. 88, 246 mikr. Anschluss	53.27	11.7	
2869	79 75	Leipzig, Engelmann	M <sub>1</sub> 4939	12.89	19.4	
2870	105 93	Albany	B. D. 3068	23.2	48' 1	
2871	89 369	Leipzig, Weinek	B. D. 2208	51.2	10.3	
2872	84 66	Washington	Glasgow Cat. I 2632	53.62	16" 5	
2873	84 231	Berlin, Knorre	B. D. 2308	13.2	5' 3	
2874	108 389	Strassburg, Schur	Cordoba G. C. 13828	17.10	33" 7	
2875	111 175 u. 224	Berlin, Knorre	Paris Cat, 12457	48.06	39.5	E. B. cf. A. N. 111, p. 175.
2876	106 325	Neuenburg, Hilfiker	Leiden A. G. Z. 37, 39	35.32	51.2	
2877	98 135	Pola, J. Palisa	Markree Cat. Vol. II p. 47	52. .	55' 6	
2878	84 179	Leipzig, Engelmann	Pulk. Obs. Vol. VIII p. 266 [N <sup>o</sup> . 1591]	54.68	17" 0	E. B. + 0 <sup>s</sup> .0019 — 0" 03 nach Pulkowa Obs.
2879	82 13	Neuenburg, Becker	Paris Cat, 12482	54.78	17.7	
2880	81 71	Berlin, Tietjen	Rümker 3080	54.54	17.5	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHEN DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle:	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied.
2881	+ 14°2217	7.0	....	6	73.24	73.0	10 <sup>h</sup> 4 <sup>m</sup> 54 <sup>s</sup> 78	1	+ 3 <sup>s</sup> 2323	—0 <sup>s</sup> 0108	+0 <sup>s</sup> 0006	+13°58' 16" 2	1	17" 578	—0" 219	+ 0" 18
2882	» »	»	....	6	74.08	74.0	54.79	1	»	»	»	16.9	1	»	»	»
2883	+ 14 2219	9.0	....	...	75.3	75.0	5 8.66	..	3.2407	—0.0113	0.006	+14 41 57.6	..	17.588	0.220	0.18
2884	» »	»	9.1	...	82.21	82.0	9.12	2	»	»	»	53.4	2	»	»	»
2885	+ 6 2270	8.5	8.7	8	73.78	73.0	5 14.82	2	3.1389	—0.0064	0.006	+ 5 55 57.5	2	17.592	0.212	0.16
2886	— 16 2989	7.7	....	8-9	83.1	82.0	5 18.13	2	2.8759	+0.0035	0.007	—17 1 13.6	2	17.595	0.194	0.13
2887	— 18 2861	7.0	....	6.9	83.1	82.0	5 21.09	2	2.8597	+0.0040	0.007	—18 20 21.4	2	17.597	0.192	0.13
2888	+ 51 1585	6.5	7.2	7	72.93	70.0	5 44.67	4	3.8648	—0.0532	0.025	+51 6 47.0	4	17.613	0.262	0.51
2889	+ 7 2259	8.5	....	9	71.25	71.0	5 53.23	3	3.1538	—0.0071	0.006	+ 7 17 2.0	3	17.619	0.212	0.16
2890	+ 13 2223	9.5	....	9.5	72.31	72.0	6 48.73	2	3.2268	—0.0106	0.006	+13 42 20.4	2	17.658	0.216	0.15
2891	» »	»	....	...	72.18	70.0	48.87	1	»	»	»	20.8	1	»	»	»
2892	+ 9 2317	8.0	8.9	7-8	80.16	80.0	6 52.89	1	3.1817	—0.0084	0.006	+ 9 48 12.5	1	17.661	0.212	0.17
2893	» »	»	....	8.0	80.20	80.0	53.00	2	»	»	»	12.9	2	»	»	»
2894	+ 10 2124	9.2	....	9.1	74.2	74.0	6 55.45	3	3.1855	—0.0086	0.006	+10 8 11.2	3	17.662	0.212	0.17
2895	+ 12 2169	9.3	....	9	67.3	67.0	6 57.19	4	3.2065	—0.0096	0.006	+11 58 16.5	4	17.664	0.214	0.17
2896	+ 14 2221	9.0	8.9	...	82.22	82.0	7 13.40	3	3.2355	—0.0111	0.006	+14 29 25.4	3	17.675	0.215	0.18
2897	» »	»	....	...	75.23	75.0	13.56	3	»	»	»	25.3	3	»	»	»
2898	— 14 3059	8.3	....	8.5	83.1	82.0	7 15.90	2	2.9021	+0.0029	0.007	—15 4 37.6	2	17.677	0.192	0.15
2899	+ 15 2181	9.5	9.2	...	82.22	82.0	7 48.90	3	3.2398	—0.0114	0.006	+14 55 32.7	3	17.699	0.215	0.18
2900	+ 57 1259	8.2	....	8.0	73.47	73.0	8 4.13	4	4.0526	—0.0715	0.041	+57 23 4.5	4	17.710	0.270	0.54
2901	+ 57 1260	8.5	....	8.6	73.26	73.0	8 26.98	2	4.0550	—0.0719	0.041	+57 31 46.4	2	17.725	0.269	0.55
2902	+ 8 2333	9.5	9.5	9.5	75.30	80.0	8 29.00	1	3.1629	—0.0076	0.006	+ 8 15 11.2	1	17.727	0.208	0.17
2903	» »	»	9.5	...	77.28	75.0	29.03	2	»	»	»	11.1	2	»	»	»
2904	+ 44 1967	8.2	....	8	72.16	72.0	8 32.53	2	3.6899	—0.0403	0.018	+44 39 54.6	2	17.729	0.244	0.26
2905	+ 58 1246	9.3	....	9.0	73.26	73.0	8 47.57	2	4.0754	—0.0742	0.043	+58 8 5.8	2	17.739	0.270	0.35
2906	+ 41 2066	7.3	....	7-8	74.27	74.0	9 7.17	2	3.6302	—0.0361	0.015	+41 53 52.6	2	17.753	0.239	0.25
2907	... ..	...	11	10	75.27	80.0	9 40.38	1	3.1558	—0.0072	0.007	+ 7 41 7.8	1	17.775	0.205	0.17
2908	... ..	...	....	...	77.26	75.0	40.47	2	»	»	»	7.8	2	»	»	»
2909	+ 14 2228	5.7	6.7	6	82.21	82.0	9 58.06	2	3.2302	—0.0110	0.006	+14 21 2.7	2	17.787	0.210	0.18
2910	+ 33 1963	8.9	....	8.9	63.4	63.0	10 4.07	..	3.4752	—0.0254	0.011	+33 9 5.2	..	17.791	0.226	0.22
2911	+ 15 2184	9.1	....	...	77.27	76.0	10 13.62	2	3.2369	—0.0113	0.006	+14 57 30.7	2	17.797	0.210	0.18
2912	— 15 3018	7.3	....	7.0	83.1	82.0	10 13.86	2	2.9011	+0.0032	0.007	—15 31 13.1	2	17.798	0.187	0.14
2913	+ 13 2230	8.5	....	8.5	72.31	72.0	10 14.99	2	3.2206	—0.0105	0.007	+13 32 9.9	2	17.798	0.209	0.14
2914	» »	»	....	...	66.30	65.0	15.08	1	»	»	»	11.2	1	»	»	»
2915	— 16 3008	8.2	....	8-9	83.1	82.0	10 23.91	4	2.8940	+0.0035	0.008	—16 9 12.9	4	17.804	0.187	0.14
2916	... ..	...	9.6	11	74.19	70.0	10 26.15	2	3.2314	—0.0110	0.008	+14 30 27.0	2	17.806	0.209	0.18
2917	+ 44 1972	7.7	....	...	72.19	72.0	10 48.19	1	3.6724	—0.0398	0.018	+44 22 59.2	1	17.821	0.238	0.26
2918	+ 7 2272	8.5	....	...	71.24	71.0	11 12.77	1	3.1477	—0.0069	0.006	+ 7 2 23.6	1	17.837	0.202	0.16
2919	+ 49 1940	6.0	8	6.0	80.08	80.0	11 40.25	2	3.7731	—0.0483	0.024	+49 1 31.5	2	17.855	0.243	0.28
2920	+ 14 2230	8.3	8.5	9	82.21	82.0	11 43.22	2	3.2303	—0.0110	0.008	+14 33 28.9	2	17.857	0.207	0.18

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2881	85 200	Leiden, E. Bakhuyzen	Glasgow Cat. I 2640	54 <sup>s</sup> 77	17"7	{ Derselbe Stern wie Nr. 2878-80.
2882	86 315	Leiden, E. Bakhuyzen	Brüssel Cat. 4235	54.73	16.4	
2883	88 56, 105 381	Wien	A.N. 101, 61 mikr. Anschluss	8.48	57.6	{ Mikrom. Bestimmung in $\delta + 17''.6$ (Praec.) corrigirt. Siehe Noten.
2884	102 172	Leipzig, Weinek	.....	.....	.....	
2885	84 179	Leipzig, Engelmann	Weisse, 57 B.Z. 64	15.17	56.8	E. B. $+0^s.0124 - 0''.115$ nach Paris Cat. 12493.
2886	105 93	Albany	Arg.-Weiss 8398	17.94	11.3	
2887	105 94	Albany	Cordoba G. C. 13880	21.18	22.2	{ Cambridge (M) A. G. C. 3591, 44 <sup>s</sup> .81, 48 <sup>m</sup> .2; 6 <sup>m</sup> .7. E. B. $-0^s.0946, +0''.030$ nach Cambr. A. G. C. A.N. 78 $\delta 4''.7$ südl. Weisse, 61 B.Z. 69, 53 <sup>s</sup> .28, 3 <sup>m</sup> .5; 9 <sup>m</sup> .S. Noten.
2888	104 197	Leipzig, Engelmann	Arg.-Oeltzen 10637-8	44.77	48.8	
2889	79 107, 78 201	Cambridge (M)	M <sub>1</sub> 5004	52.82	4.1	
2890	82 13	Neuenburg, Becker	B. D. 2223	48.7	42' 0	
2891	81 71	Berlin, Tietjen	.....	.....	...	
2892	98 135, 109 170	Pola, J. Palisa	Paris Cat <sub>3</sub> , 12520	52.98	14"5	
2893	111 53	Hamburg, Schrader	Armagh Cat. II 1184	52.86	14.3	
2894	84 66	Washington	Weisse, 83 B.Z. 155	55.44	13.6	
2895	74 274, 102 288, 105 379	Königsberg, Lorek	Yarnall 4344	57.20	15.6	
2896	102 172	Leipzig, Weinek	Kam 1699	13.59	25.7	
2897	89 22 u. 38	Leiden, E. Bakhuyzen [u. Haga]	Rümker 3091	13.43	23.5	
2898	105 94	Albany	B. B. VI p. 350, Nr. 12	16.04	35.7	
2899	102 172	Leipzig, Weinek	A.N. 101, 61 mikr. Anschluss	48.83	36.5	
2900	85 200	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6272	4.22	4.3	
2901	85 200	Leiden, E. Bakhuyzen [u. Valentiner]	Helsingfors A. G. C. 6276	27.11	47.2	Bonn A. G. C. 7527, 32 <sup>s</sup> .64 53"4; 8 <sup>m</sup> .4.  Bonn A. G. C. 7537, 6 <sup>s</sup> .82, 51"2; 7 <sup>m</sup> .4. Siehe Noten.
2902	88 23	Berlin, Becker	B. D. 2333	28.9	14' 7	
2903	91 215	Pola, J. Palisa	.....	.....	.....	
2904	81 155	Leiden, Valentiner	Weisse, 144 B.Z. 497	33.27	54"4	
2905	85 200	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6279	47.50	7.0	
2906	86 315, 107 57	Leiden, E. Bakhuyzen	Paris Cat <sub>3</sub> 12565	7.09	52.8	
2907	88 23	Berlin, Becker	Markree Cat. Vol. IV, p. 132	41..	37' 5	
2908	91 215	Pola, J. Palisa	.....	.....	.....	
2909	102 172	Leipzig, Weinek	Paris Cat <sub>3</sub> 12580	58.04	2"2	
2910	68 265	Wien, v. Franzénau	Leiden A. G. Z. 287, 288	4.30	6.9	
2911	94 309	Berlin, Tietjen	Wash. Obs. 18; 5p. 524 N <sup>o</sup> . 287	13.59	31.3	Bonn A. G. C. 7548, 48 <sup>s</sup> .34, 0"0; 7 <sup>m</sup> .9. Siehe Noten.  Bonn A. G. C. 7558, 40 <sup>s</sup> .35, 30"9; 6 <sup>m</sup> .3.
2912	105 9	Albany	Armagh Cat. II 1191	13.91	12.5	
2913	82 13	Neuenburg, Becker	Schjellerup 3762	15.08	11.7	
2914	69 71, 82 61, 94 235	Berlin, Romberg	Rümker 3118	14.93	9.6	
2915	108 389	Strassburg, Schur	Arg.-Weiss 8452	23.98	11.4	
2916	84 231	Berlin, Knorre	Sternkarte C. H. F. Peters Nr. 1	26..	30'.	
2917	81 155	Leiden, Valentiner	Kam 1712	48.12	58"9	
2918	78 201	Cambridge (M) Rogers	Rümker 3121	12.93	22.6	
2919	98 135	Pola, J. Palisa	B. B. VI 1940	40.51	34.6	
2920	102 172	Leipzig, Weinek	Paris Cat <sub>3</sub> 12616	43.27	28.2	

NUM- MER.	NUMMER der nördl. u. süd. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHÉ DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
2921	— 2°3111	8.8	....	9.8	81.3	81.0	10h 11m 58s89	3	+ 3.0424	—0.0021	+0.007	— 2°48' 54"8	3	17"868	—0"194	+ 0"16
2922	+ 18 2345	7.2	7.8	7	66.27	65.0	12 9.90	3	3.2731	—0.0134	0.008	+18 19 54.2	3	17.875	0.209	0.19
2923	+ 9 2336	8.1	8.1	7-8	74.20	70.0	12 46.10	2	3.1768	—0.0083	0.007	+ 9 50 19.5	2	17.899	0.201	0.17
2924	+ 10 2139	8.0	....	8	85.3	85.0	12 50.45	2	3.1844	—0.0087	0.007	+10 32 47.7	2	17.902	0.202	0.17
2925	» »	»	....	7-8	83.1	82.0	50.49	2	»	»	»	47.2	2	»	»	»
2926	+ 41 2072	8.0	8	7-8	75.27	80.0	12 56.51	2	3.6098	—0.0357	0.015	+41 45 40.5	2	17.906	0.229	0.25
2927	+ 14 2233	9.0	....	8.5	82.2	82.0	13 11.43	..	3.2229	—0.0107	0.008	+14 4 41.3	..	17.915	0.203	0.18
2928	+ 9 2337	8.2	....	8	80.20	80.0	13 38.97	2	3.1696	—0.0080	0.007	+ 9 14 18.0	2	17.934	0.199	0.17
2929	» »	»	....	8	80.21	80.0	38.98	3	»	»	»	18.2	3	»	»	»
2930	+ 11 2207	8.5	....	8-9	72.98	70.0	13 39.85	2	3.1939	—0.0092	0.007	+11 29 43.2	2	17.934	0.201	0.17
2931	+ 9 2338	8.8	8.8	7-8	83.23	80.0	13 41.60	1	3.1705	—0.0080	0.007	+ 9 19 31.7	1	17.935	0.199	0.17
2932	+ 9 2339	9.0	9.0	8	83.22	80.0	13 47.79	1	3.1728	—0.0081	0.007	+ 9 33 2.8	1	17.939	0.199	0.17
2933	+ 44 1977	7.3	....	8.5	72.16	72.0	14 26.45	2	3.6569	—0.0399	0.018	+44 31 55.5	2	17.964	0.229	0.27
2934	+ 9 2341	9.3	....	9.3	72.96	70.0	14 54.10	2	3.1735	—0.0082	0.007	+ 9 42 38.9	2	17.982	0.197	0.17
2935	— 13 3097	6.5	....	6.7	83.1	82.0	15 8.02	2	2.9342	+0.0025	0.008	—13 9 28.9	2	17.991	0.181	0.14
2936	+ 57 1266	8.0	....	8.1	73.25	73.0	15 22.57	2	3.9851	—0.0698	0.042	+57 9 11.6	2	18.001	0.248	0.33
2937	+ 9 2343	9.0	....	9	80.21	80.0	15 27.69	1	3.1668	—0.0078	0.007	+ 9 7 31.6	1	18.004	0.195	0.17
2938	» »	»	....	...	80.18	80.0	27.74	3	»	»	»	31.9	3	»	»	»
2939	» »	»	....	...	80.3	80.0	27.76	..	»	»	»	34.9	..	»	»	»
2940	+ 18 2352	7.5	8	8	66.26	65.0	15 42.13	3	3.2648	—0.0132	0.008	+18 8 43.4	3	18.013	0.202	0.19
2941	+ 17 2212	7.8	7.8	8	81.28	81.0	15 48.97	3	3.2559	—0.0127	0.008	+17 22 19.1	3	18.018	0.201	0.18
2942	» »	»	....	8	80.3	80.0	48.98	..	»	»	»	19.7	..	»	»	»
2943	+ 10 2144	8.9	....	9	77.26	77.0	15 49.29	2	3.1802	—0.0085	0.007	+10 25 21.6	2	18.018	0.196	0.17
2944	+ 8 2352	9.0	....	9	81.28	80.0	16 7.63	2	3.1551	—0.0073	0.007	+ 8 3 6.0	3	18.029	0.194	0.17
2945	+ 9 2346	9.3	....	9.3	72.2	71.0	16 20.00	2	3.1717	—0.0081	0.007	+ 9 39 30.3	2	18.037	0.194	0.17
2946	— 3 2909	8.7	....	8	81.3	81.0	16 20.24	3	3.0405	—0.0018	0.007	— 3 6 41.1	3	18.037	0.186	0.15
2947	+ 14 2236	9.0	....	9	77.28	76.0	16 33.05	1	3.2272	—0.0112	0.008	+14 52 40.5	1	18.046	0.198	0.18
2948	+ 14 2237	8.7	....	9	77.28	76.0	16 43.67	2	3.2232	—0.0109	0.008	+14 32 10.5	2	18.052	0.197	0.18
2949	+ 7 2294	9.4	....	9	72.19	72.0	17 21.54	1	3.1425	—0.0066	0.007	+ 6 54 58.1	1	18.076	0.187	0.16
2950	.....	...	....	...	77.26	75.0	17 29.31	2	3.1500	—0.0070	0.007	+ 7 39 39.3	2	18.081	0.191	0.16
2951	.....	...	10	...	75.28	80.0	17 29.37	1	»	»	»	39.1	1	»	»	»
2952	+ 13 2251	9.2	9	9	78.14	75.0	18 13.82	1	3.2142	—0.0105	0.008	+13 53 11.3	1	18.109	0.194	0.18
2953	+ 34 2126	8.5	....	8.5	63.4	63.0	18 24.13	..	3.4581	—0.0260	0.012	+33 56 32.6	..	18.116	0.208	0.22
2954	+ 10 2147	8.5	....	8-9	64.16	65.0	18 25.43	2	3.1797	—0.0086	0.007	+10 36 59.7	2	18.117	0.191	0.17
2955	+ 33 1986	8.0	....	8.0	63.4	63.0	18 32.92	..	3.4498	—0.0255	0.012	+33 23 42.5	..	18.121	0.208	0.22
2956	+ 17 2218	9.1	....	9	80.3	80.0	18 36.83	..	3.2508	—0.0126	0.008	+17 19 24.0	..	18.124	0.195	0.18
2957	+ 11 2222	8.0	....	7	65.22	65.0	18 48.54	1	3.1915	—0.0092	0.007	+11 47 25.5	1	18.131	0.191	0.17
2958	+ 13 2253	9.3	9.3	8-9	83.23	80.0	18 56.47	2	3.2104	—0.0103	0.008	+13 36 50.1	2	18.136	0.192	0.18
2959	.....	...	....	10	74.27	74.0	19 5.89	1	3.1534	—0.0072	0.007	+ 8 6 23.3	1	18.142	0.188	0.17
2960	.....	...	....	...	72.61	73.0	5.97	4	»	»	»	19.2	4	»	»	»

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2921	102 293	Königsberg, Rahts	M <sub>2</sub> 3133	58.83	54"9	In B D. ist L statt K zu lesen.  Bonn A.G.C. 7564, 56 <sup>s</sup> .62, 41"7; 8 <sup>m</sup> .3. Schjellerup + 1 <sup>s</sup> corrigirt cf. A. N. 105, 381.
2922	69 71	Berlin, Romberg	Paris Cat, 12624	9.77	53 2	
2923	84 231	Berlin, Knorre	Paris Cat, 12629	46.20	19.2	
2924	112 395	Cap	Paris Cat, 12633	50.47	47.7	
2925	110 196	Albany, Tucker	Lalande 20021	50.25	49.3	
2926	88 23	Berlin, Becker	Paris Cat, 12636	56.29	41.8	
2927	105 381	Wien	Schjellerup 3780	11.31	42.8	
2928	98 135	Pola, J. Palisa	Paris Cat, 12655	38.89	18.6	
2929	111 53	Hamburg, Schrader	Lalande 20049	39.16	20.7	
2930	84 243, 81 351	Berlin, Tietjen	Paris Cat, 12656	39.78	44.4	
2931	111 175 u. 223	Berlin, Knorre	Lalande 20051	41.72	37.7	Siehe Noten.  Dupl. praec. Σ 1198. Bonn A.G.C. 7578, 26 <sup>s</sup> .45, 55"4; 8 <sup>m</sup> 4. A. N. 81 A. R. 0 <sup>s</sup> .39 kleiner.
2932	111 175 u. 223	Berlin, Knorre	Weisse, 210 B. Z. 155	47.39	3.7	
2933	81 155	Leiden, Valentiner	Yarnall 4392	26.72	54.9	
2934	84 243, 81 351	Berlin, Tietjen	B. D. 2341	54.3	43'2	
2935	105 94	Albany	Cordoba G. C. 14113	8.01	28"1	
2936	85 200	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6326	22.58	12.4	
2937	98 135	Pola, J. Palisa	Weisse, 239 B. Z. 155	27.72	32.7	
2938	111 53	Hamburg, Schrader	.....	.....	.....	
2939	98 42	Kremsmünster	.....	.....	.....	
2940	69 71	Berlin, Romberg	Lalande 20104	41.66	47.6	
2941	101 202, 102 297	Berlin, Leman	Paris Cat, 12696	48.77	17.4	Siehe Noten.
2942	98 43	Kremsmünster	Weisse, 291 B. Z. 410	49.20	20.9	
2943	94 295	Berlin, Tietjen	Schjellerup 3796	49.13	21.2	
2944	111 54	Hamburg, Schrader	Weisse, 248 B. Z. 69	7.74	4.3	
2945	84 243, 81 351	Berlin, Tietjen	B. D. 2346	19.9	40'6	
2946	102 293	Königsberg, Rahts	Paris Cat, 12707	20.05	41"1	
2947	94 309	Berlin, Tietjen	Schjellerup 3801	32.95	36.8	
2948	94 309	Berlin, Tietjen	Paris Cat, 12712	43.53	12.9	
2949	81 155	Leiden, Valentiner	Schjellerup 3806	21.56	57.6	
2950	91 215	Pola, J. Palisa	.....	.....	.....	
2951	88 23	Berlin, Becker	.....	.....	.....	Die zweite Berl. Declin. unsicher.  Siehe Noten.
2952	92 247	Pola, J. Palisa	Paris Cat, 12749	13.93	11.0	
2953	68 265	Wien, v. Franzénau	Leiden A. G. Z. 170, 284	24.33	32.4	
2954	69 71	Berlin, Romberg	Paris Cat, 12756	25.37	58.3	
2955	68 265	Wien, v. Franzénau	Leiden A. G. Z. 169, 281	32.90	39.8	
2956	98 43	Kremsmünster	Weisse, 344 B. Z. 456	36.81	22.8	
2957	69 71	Berlin, Romberg	Glasgow Cat. I 2711	48.53	23.6	
2958	111 175 u. 224	Berlin, Knorre	Rümker 3181	56.44	44.6	
2959	86 315	Leiden, E. Bakhuyzen	Markree Cat. Vol. IV p. 133	6	6'4	
2960	85 202, 79 138, 81 155	Leiden, Valentiner	.....	.....	.....	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BOEB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BOEB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
2961	+57° 1270	8.6	....	8.5	73.39	73.0	10 <sup>h</sup> 19 <sup>m</sup> 24 <sup>s</sup> 07	3	+ 3 <sup>s</sup> 9646	-0 <sup>s</sup> 0706	+0 <sup>s</sup> 045	+57° 30' 49" 4	3	18" 153	-0" 238	+ 0" 33
2962	+ 8 2359	8.8	....	8.5	80.21	80.0	19 29.77	5	3.1588	-0.0075	0.007	+ 8 40 17.8	5	18.157	0.188	0.17
2963	» »	»	....	8-9	80.20	80.0	29.83	1	»	»	»	16.7	1	»	»	»
2964	- 12 3162	7.3	....	7-8	83.1	82.0	19 43.97	4	2.9467	+0.0025	0.008	-12 29 58.0	4	18.165	0.174	0.14
2965	+ 49 1958	8.4	9	8-9	80.13	80.0	19 44.34	2	3.7241	-0.0477	0.025	+49 0 37.6	2	18.166	0.222	0.28
2966	+ 6 2308	8.5	....	8-9	72.16	72.0	20 8.28	2	3.1384	-0.0064	0.007	+ 6 41 11.2	2	18.180	0.182	0.16
2967	.....	...	10	10	80.10	80.0	20 12.53	2	3.7101	-0.0467	0.025	+48 31 10.6	2	18.183	0.220	0.28
2968	.....	...	9.5	10.0	76.3	76.0	20 17.09	..	3.2177	-0.0108	0.008	+14 28 29.4	..	18.186	0.190	0.18
2969	+ 49 1961	6.2	....	6.4	81.7	81.0	20 20.39	3	3.7305	-0.0486	0.026	+49 26 59.7	3	18.188	0.221	0.28
2970	+ 49 1960	6.6	6.6	6-7	81.7	81.0	20 20.31	2	3.7340	-0.0489	0.026	+49 36 1.0	2	18.188	0.222	0.28
2971	» »	»	....	6-7	81.7	81.0	20.80	3	»	»	»	1.0	3	»	»	»
2972	+ 33 1992	8.0	....	8.0	63.4	63.0	20 24.44	..	3.4473	-0.0257	0.012	+33 40 41.1	..	18.190	0.204	0.22
2973	.....	...	10-11	10½	78.13	75.0	20 44.46	2	3.1994	-0.0098	0.007	+12 46 15.3	2	18.203	0.188	0.17
2974	- 13 3119	9.0	....	9.0	83.1	82.0	20 45.24	2	2.9376	+0.0029	0.008	-13 29 29.4	2	18.203	0.172	0.14
2975	+ 10 2153	9.1	....	...	85.2	85.0	21 6.24	2	3.1760	-0.0085	0.007	+10 30 55.0	2	18.216	0.186	0.17
2976	+ 15 2203	9.0	8.9	9	81.22	82.0	21 9.83	3	3.2210	-0.0110	0.008	+14 54 25.0	3	18.218	0.189	0.18
2977	+ 9 2358	8.3	....	8-9	80.4	80.0	21 21.86	..	3.1601	-0.0076	0.007	+ 8 57 10.7	..	18.225	0.184	0.17
2978	» »	»	....	8-9	80.20	80.0	22.05	2	»	»	»	5.1	2	»	»	»
2979	+ 57 1271	8.5	....	8.8	73.47	73.0	22 17.95	2	3.9234	-0.0684	0.043	+56 59 45.6	2	18.259	0.229	0.32
2980	+ 10 2157	8.7	....	8	85.3	85.0	22 19.92	1	3.1717	-0.0082	0.007	+10 12 13.8	1	18.261	0.183	0.17
2981	» »	»	....	9	83.1	82.0	20.02	2	»	»	»	15.3	2	»	»	»
2982	+ 39 2355	8.6	....	9.0	74.27	74.0	22 21.51	2	3.5240	-0.0320	0.015	+39 16 15.4	2	18.261	0.205	0.24
2983	+ 4 2341	9.5	....	9.5	72.41	73.0	22 35.09	3	3.1177	-0.0053	0.008	+ 4 42 56.0	3	18.270	0.180	0.10
2984	» »	»	....	...	74.30	74.0	35.28	1	»	»	»	61.2	1	»	»	»
2985	+ 57 1272	7.8	....	7.4	73.67	73.0	22 36.44	2	3.9278	-0.0691	0.043	+57 12 27.6	2	18.270	0.228	0.32
2986	» »	»	....	7-8	73.87	73.0	36.74	1	»	»	»	28.8	1	»	»	»
2987	+ 10 2161	9.2	....	9.5	77.26	77.0	22 37.36	2	3.1685	-0.0081	0.007	+ 9 54 40.8	2	18.271	0.183	0.17
2988	+ 8 2368	8.7	....	8-9	80.20	80.0	22 42.20	4	3.1550	-0.0073	0.007	+ 8 32 57.6	4	18.274	0.182	0.17
2989	+ 30 2024	8.8	....	8.8	74.12	74.0	22 43.32	2	3.3921	-0.0222	0.011	+30 9 2.2	2	18.275	0.196	0.21
2990	+ 12 2217	7.8	....	7	73.28	70.0	22 47.28	2	3.1975	-0.0097	0.008	+12 49 32.7	2	18.277	0.184	0.17
2991	» »	»	7.8	7.5	78.12	75.0	47.33	1	»	»	»	33.7	1	»	»	»
2992	» »	»	....	8	72.09	70.0	47.38	1	»	»	»	33.9	1	»	»	»
2993	.....	...	9-10	...	80.13	80.0	22 53.38	2	3.1550	-0.0073	0.007	+ 8 33 30.8	2	18.281	0.181	0.17
2994	+ 4 2343	9.0	....	9.1	72.95	70.0	23 2.32	2	3.1158	-0.0052	0.007	+ 4 32 10.2	2	18.286	0.179	0.16
2995	+ 14 2252	8.8	8.6	9	82.21	82.0	23 6.91	2	3.2170	-0.0109	0.008	+14 47 1.9	2	18.289	0.185	0.17
2996	+ 8 2369	8.5	....	8-9	80.20	80.0	23 17.05	4	3.1559	-0.0074	0.007	+ 8 41 0.8	4	18.295	0.181	0.17
2997	» »	»	....	9	80.20	80.0	17.05	1	»	»	»	0.9	1	»	»	»
2998	+ 6 2314	9.5	....	9.5	71.67	70.0	23 34.58	3	3.1347	-0.0062	0.007	+ 6 31 32.7	3	18.305	0.179	0.16
2999	+ 12 2219	8.5	....	8	72.21	70.0	23 47.76	2	3.1908	-0.0094	0.008	+12 16 13.4	2	18.313	0.182	0.17
3000	+ 6 2315	8.5	....	8	72.16	72.0	23 51.41	2	3.1330	-0.0061	0.007	+ 6 21 59.3	2	18.315	0.178	0.16



NUM- BER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
2961	85 200	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6353	24 <sup>s</sup> 01	49" 4	Zweifelhafte E.B. nach A.N. 101, 205.
2962	111 54, 101 202	[u. Valentiner Hamburg, Schrader	M <sub>2</sub> 3206	29.62	18.5	
2963	98 135	Pola, J. Palisa	Paris Cat <sub>3</sub> 12784	29.85	18.1	
2964	108 389	Strassburg, Schur	Paris Cat <sub>3</sub> 12788	44.03	58.6	
2965	98 135	Pola, J. Palisa	Arg.-Oeltzen 10834	44.35	39.2	
2966	81 155	Leiden, Valentiner	Paris Cat <sub>2</sub> 12801	8.39	11.4	Bonn A. G. C. 7619, 44 <sup>s</sup> .39, 36".2; 8 <sup>m</sup> .6.
2967	98 135	Pola, J. Palisa	Leiden genäherte Mer. Beob.	12.6	31' 2	Siehe Noten.
2968	90 197	Cambr. (M), Rogers	Wash. Obs. 1876, p. 524, N <sup>o</sup> . 298	16.91	30" 6	
2969	105 183, 108 185	Königsberg	Pulkowa Cat. 1875, o. 2281	20.36	5.8	Bonn A. G. C. 7627, 20 <sup>s</sup> .43, 58".4; 6 <sup>m</sup> .7. E.B. Siehe Noten.
2970	101 135, 108 185	Warschau, Kowalczyk	Arg.-Oeltzen 10845	20.30	0.1	Bonn A. G. C. 7628, 20 <sup>s</sup> .56, 58".0; 7 <sup>m</sup> .0.
2971	105 183	Königsberg	Brüssel Cat. 4349	20.45	59.8	Siehe Noten.
2972	68 265	Wien, v. Franzenau	Leiden A. G. Z. 286, 287	24.45	37.6	
2973	92 247	Pola, J. Palisa	Sternkarte J. Palisa Nr. 2	45. .	46' .	
2974	105 94	Albany	B. D. 3119	45.9	29.9	
2975	112 395	Cap	Kam 1754-5	6.34	57" 0	
2976	102 172	Leipzig, Weinek	Weisse <sub>2</sub> 393 B.Z. 457	9.92	27.0	A.N. Declin. + 1' corrigirt. Siehe Noten.
2977	98 131	Kremsmünster	Weisse <sub>1</sub> 354 B.Z. 155	21.66	11.1	
2978	111 54	Hamburg, Schrader	Paris Cat <sub>3</sub> 12830	21.98	6.1	
2979	85 200	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6373	17.90	42.2	
2980	112 395	Cap	Paris Cat <sub>3</sub> 12854	19.94	13.3	
2981	110 196	Albany, Tucker	Weisse <sub>1</sub> 368 B.Z. 155	19.86	16.9	Vergleich die Note zu Nr. 2960.
2982	86 315, 107 57	Leiden, E. Bakhuyzen	Lund A. G. Z. 179 u. 182	21.61	16.3	
2983	85 200	Leiden, Valentiner	B. D. 2341	34.5	42' 8	
2984	86 315	Leiden, E. Bakhuyzen	.....	.....	.....	
2985	85 201	Leiden, E. Bakhuyzen	Helsingfors A. G. C. 6378	36.64	28" 3	
2986	86 313	Leiden, E. Bakhuyzen	Arg.-Oeltzen 10883	36.76	26.6	
2987	94 295	Berlin, Tietjen	Schjellerup 3840	37.19	45.2	
2988	111 54	Hamburg, Schrader	Paris Cat <sub>3</sub> 12864	42.08	56.1	
2989	86 315	Leiden, E. Bakhuyzen	Leiden A. G. Z. 166, 275	43.25	1.8	
2990	84 243	Berlin, Tietjen	Glasgow Cat. I 2733	47.42	33.5	
2991	92 247	Pola, J. Palisa	Yarnall 4459	47.36	32.3	Siehe Noten.
2992	81 71	Berlin, Tietjen	Schjellerup 3841	47.43	34.1	
2993	98 135	Pola, J. Palisa	Leiden, mikrom. Anschluss	53.1	33' 5	
2994	84 243, 81 351	Berlin	Albany A. G. C. 4056	2.27	10" 5	
2995	102 172	Leipzig, Weinek	Weisse <sub>1</sub> 385 B.Z. 149	6.88	2.5	
2996	111 54, 101 202	Hamburg, Schrader	Paris Cat <sub>3</sub> 12875	17.11	1.1	Zweifelhafte E.B. nach A.N. 101, 205.
2997	98 135	Pola, J. Palisa	Weisse <sub>1</sub> 391 B.Z. 155	17.15	3.8	A.N. 111, 290 verbunden mit Yarnall 4370.
2998	81 71	Berlin, Tietjen	B. D. 2314	31.8	31' 4	
2999	81 71, 111 290	Berlin, Tietjen	Paris Cat <sub>3</sub> 12887	47.84	13" 2	
3000	81 155	Leiden, Valentiner	M <sub>1</sub> 5372	51.69	58.9	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHLE DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHLE DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. sacc.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
3001	+ 7° 2314	7.5	....	7-8	77.25	75.0	10h 23m 55s 23	2	+ 3.1458	-0.0068	+0.007	+ 7° 41' 54" 9	2	18.318	-0.179	+ 0.16
3002	+ 22 2231	8.9	9	9	66.24	65.0	24 18.47	2	3.2902	-0.0155	0.008	+21 54 7.5	2	18.331	0.187	0.19
3003	+ 48 1873	8.8	....	8-9	71.20	71.0	24 53.61	1	3.6747	-0.0457	0.026	+48 10 51.0	1	18.352	0.208	0.27
3004	» »	»	....	9	72.19	72.0	53.63	1	»	»	»	48.6	1	»	»	»
3005	- 11 2893	8.0	....	9-10	83.1	82.0	24 54.45	2	2.9663	+0.0022	0.008	-11 7 9.2	2	18.353	0.167	0.14
3006	+ 8 2374	9.5	9.5	9.5	79.3	79.0	24 57.14	1	3.1539	-0.0073	0.007	+ 8 37 20.4	1	18.354	0.177	0.17
3007	» »	»	9	...	79.29	75.0	57.74	2	»	»	»	20.1	2	»	»	»
3008	- 16 3075	7.8	....	8	70.15	70.0	25 28.98	3	2.9142	+0.0044	0.009	-16 26 8.0	3	18.373	0.162	0.14
3009	+ 57 1275	9.0	....	8.8	73.24	73.0	25 50.50	2	3.8970	-0.0682	0.044	+57 4 48.2	2	18.385	0.219	0.35
3010	+ 48 1875	9.1	9-10	9.1	80.07	80.0	25 59.39	2	3.6796	-0.0467	0.026	+48 43 14.4	2	18.391	0.206	0.23
3011	+ 16 2131	9.3	....	9.3	80.94	80.0	26 22.24	4	3.2280	-0.0118	0.008	+16 20 29.4	4	18.404	0.179	0.18
3012	+ 12 2223	9.5	....	9.5	74.26	74.0	26 40.33	1	3.1874	-0.0093	0.007	+12 16 10.1	1	18.414	0.176	0.17
3013	+ 15 2219	8.7	8.7	8-9	80.35	75.0	26 48.89	5	3.2193	-0.0113	0.008	+15 32 22.8	6	18.419	0.178	0.18
3014	+ 15 2220	8.7	8.7	8.7	80.67	75.0	26 51.40	4	3.2224	-0.0114	0.008	+15 51 26.4	4	18.421	0.178	0.18
3015	+ 21 2210	7.5	7.5	8.0	74.26	70.0	27 3.31	2	3.2742	-0.0148	0.009	+20 56 52.7	2	18.428	0.181	0.14
3016	- 10 3083	8.7	....	9	83.1	82.0	27 12.34	2	2.9779	-0.0018	0.008	-10 9 8.0	2	18.433	0.163	0.14
3017	+ 50 1750	9.2	10	9	68.2	67.0	27 20.47	..	3.7162	-0.0509	0.028	+50 45 31.2	..	18.437	0.205	0.27
3018	- 10 3086	9.0	....	9	83.1	82.0	28 14.34	2	2.9745	+0.0021	0.008	-10 37 6.2	2	18.468	0.161	0.14
3019	+ 8 2381	9.5	9.5	10.0	79.3	79.0	28 16.47	4	3.1501	-0.0071	0.007	+ 8 30 8.4	1	18.469	0.171	0.17
3020	+ 7 2330	6.3	6.3	5.8	80.30	80.0	28 16.65	2	3.1417	-0.0066	0.007	+ 7 35 47.7	2	18.469	0.171	0.17
3021	» »	»	....	6	77.25	75.0	16.71	2	»	»	»	46.9	2	»	»	»
3022	+ 15 2223	9.0	....	...	78.3	78.0	28 30.57	3	3.2138	-0.0110	0.008	+15 14 34.4	3	18.477	0.174	0.17
3023	+ 5 2356	8.6	....	8.5	70.13	70.0	29 11.96	2	3.1242	-0.0056	0.007	+ 5 44 44.2	2	18.501	0.168	0.18
3024	+ 48 1879	8.3	8.9	8-9	80.07	80.0	29 15.78	2	3.6524	-0.0457	0.027	+48 22 9.7	2	18.503	0.197	0.27
3025	+ 12 2232	9.2	....	9	72.44	73.0	29 21.56	3	3.1810	-0.0090	0.008	+11 55 30.1	3	18.506	0.171	0.17
3026	+ 15 2225	8.8	8.8	...	80.28	81.0	30 11.54	2	3.2171	-0.0113	0.008	+15 50 4.2	2	18.534	0.171	0.18
3027	+ 25 2271	8.1	....	8-9	74.15	74.0	30 28.78	2	3.3176	-0.0182	0.010	+25 43 47.0	2	18.544	0.176	0.22
3028	+ 12 2238	9.1	9	9.1	66.30	65.0	30 34.04	1	3.1865	-0.0094	0.008	+12 39 31.6	1	18.547	0.169	0.18
3029	+ 25 2275	9.2	....	9.2	74.26	74.0	30 35.12	1	3.3155	-0.0181	0.010	+25 34 4.5	1	18.547	0.176	0.22
3030	+ 10 2176	8.5	7.5	8	73.27	73.0	30 37.77	1	3.1620	-0.0079	0.008	+10 1 19.5	1	18.549	0.167	0.17
3031	+ 20 2508	9.5	9.5	9.5	74.19	70.0	31 14.31	2	3.2637	-0.0145	0.009	+20 45 49.4	2	18.569	0.172	0.18
3032	+ 48 1881	8.9	....	9	80.21	80.0	31 18.32	1	3.6402	-0.0455	0.027	+48 22 51.4	1	18.571	0.192	0.27
3033	- 1 2416	9.3	....	...	71.9	71.0	31 53.79	..	3.0620	-0.0020	0.008	- 1 10 30.1	..	18.591	0.159	0.17
3034	+ 6 2326	7.7	....	7-8	81.24	81.0	31 56.98	4	3.1299	-0.0059	0.008	+ 6 33 46.7	4	18.592	0.163	0.17
3035	+ 14 2277	8.5	9	8	80.09	75.0	32 3.92	4	3.2033	-0.0105	0.009	+14 40 9.1	4	18.596	0.167	0.18
3036	+ 48 1883	8.0	....	8-9	80.21	80.0	32 4.87	1	3.6363	-0.0456	0.027	+48 25 57.8	1	18.597	0.191	0.27
3037	+ 5 2370	9.5	9.5	9.5	72.20	72.0	32 55.24	1	3.1233	-0.0056	0.008	+ 5 52 43.1	1	18.624	0.161	0.17
3038	» »	»	9.7	...	71.32	71.0	55.34	1	»	»	»	41.9	1	»	»	»
3039	+ 5 2371	9.5	9.4	9.4	72.30	72.0	33 9.14	2	3.1229	-0.0055	0.008	+ 5 50 41.8	2	18.631	0.161	0.17
3040	+ 5 2373	8.9	9	8.9	66.31	65.0	33 33.25	1	3.1193	-0.0053	0.008	+ 5 27 44.1	1	18.644	0.160	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3001	94 309	Berlin, Tietjen	Paris Cat, 12890	55 <sup>s</sup> 15	55 <sup>"</sup> 3	Berl. A.G.C.B. 4038, 18 <sup>s</sup> .16, 6 <sup>"</sup> .4; 9 <sup>m</sup> .0. Siehe Noten. Bonn A.G.C. 7656, 53 <sup>s</sup> .72, 48 <sup>"</sup> .7; 8 <sup>m</sup> .7.
3002	69 71	Berlin, Romberg	Weisse, 462 B.Z. 453	18.68	2.3	
3003	79 138	Leiden, Valentiner	Arg.-Oeltzen 10906-7	53.51	50.8	
3004	81 155	Leiden, Valentiner	Kam 1768	53.62	50.0	
3005	105 94	Albany	Paris Cat, 12902	54.21	9.5	
3006	95 293, 100 244	Kremsmünster	B. D. 2374	54.4	37' 2	
3007	95 295	Pola, J. Palisa	.....	.....	.....	
3008	81 71	Berlin, Tietjen	Paris Cat, 12913	28.89	6 <sup>"</sup> 8	
3009	85 201	Leiden, E. Bakhuyzen [und Valentiner]	Helsingfors A.G.C. 6392	50.50	48.1	
3010	98 135	Pola, J. Palisa	B. D. 1875	59.7	43' 4	
3011	111 54, 101 20	Hamburg, Schrader	Küstner 345	22.24	28 <sup>"</sup> 3	Siehe Noten.  Dupl. seq. Struve P.M. 1216, 51 <sup>s</sup> .28, 27 <sup>"</sup> .6; 8 <sup>m</sup> .8. Berl. A.G.C.B. 4054, 3 <sup>s</sup> .28, 52 <sup>"</sup> .9; 8 <sup>m</sup> .0.  Cambr. (M.) A.G.C. 3670, 18 <sup>s</sup> .52, 6 <sup>"</sup> .2. Siehe Noten.  E. B. nach Pulk. -- 0 <sup>s</sup> .0086 + 0 <sup>"</sup> .067.
3012	86 315	Leiden, E. Bakhuyzen	B. D. 2223	42.8	13' 3	
3013	110 291	Leiden, E. Bakhuyzen, [Stieltjes u. Wilterd.]	Paris Cat, 12930	48.79	21 <sup>"</sup> 7	
3014	110 291	„ E. Bakh u. Wilterd.	Yarnall 4488	51.41	28.3	
3015	84 233	Berlin, Knorre	Rümker 3240	3.57	52.7	
3016	105 94	Albany	Santini, 1273	12.40	9.9	
3017	72 139	Kremsmünster	Arg.-Oeltzen 10943	18.46	7.0	
3018	105 94	Albany	M, 5467	14.41	5.7	
3019	100 243	Königsberg, Rahts	M, 3301	16.52	4.7	
3020	98 241 u. 253	Berlin, Küstner	Pulk. Obs. Vol. VIII p. [268, 1648]	16.81	46.5	
3021	94 307	Berlin, Tietjen	Paris Cat, 12957	16.77	47.8	Bonn A.G.C. 7691, 15 <sup>s</sup> .78, 9 <sup>"</sup> .2; 8 <sup>m</sup> .1.  Siehe Noten.  A.N. 101 A.R. 0 <sup>s</sup> .02 grösser, Declin. 0 <sup>"</sup> .2 südlicher.
3022	98 175	Cambr. (M), Rogers	Rümker 3249	30.34	35.5	
3023	81 71	Berlin, Tietjen	M, 3312	11.84	45.2	
3024	98 135	Pola, J. Palisa	Arg.-Oeltzen 10972	14.46	11.5	
3025	85 202, 81 155 u. 169	Leiden, Valentiner	Paris Cat, 12975	21.54	29.0	
3026	102 297, 101 202	Berlin, Leman	A.N. 98, 43 Mikr. Anschluss	11.51	2.7	
3027	86 315	Leiden, E. Bakhuyzen	Paris Cat, 13002	28.85	47.3	
3028	69 71	Berlin, Romberg	B. D. 2238	33.3	40' 0	
3029	86 315	Leiden, E. Bakhuyzen	B. B. VI 2275	35.34	4 <sup>"</sup> 0	
3030	83 135	Wien, Holetschek	Paris Cat, 13004	37.90	23.0	
3031	84 233	Berlin, Knorre	B. B. VI 2508	14.17	50.7	Leiden Mer. Beob. 14 <sup>s</sup> .36, 52 <sup>"</sup> .0. B.B. VI δ — 2' corrig. Siehe Noten. Bonn A.G.C. 7701, 18 <sup>s</sup> .22, 50 <sup>"</sup> .4; 8 <sup>m</sup> .6.  Bonn A.G.C. 7705, 4 <sup>s</sup> .90, 31 <sup>"</sup> .8; 8 <sup>m</sup> .1.
3032	98 135	Pola, J. Palisa	Arg.-Oeltzen 11006	17.71	50.9	
3033	79 106	Washington	Wash Obs. 1880 p. 182	53.67	30.5	
3034	111 54, 101 281	Hamburg, Schrader	Paris Cat, 13039	56.86	46.6	
3035	110 291	Leiden, E. Bakhuyzen [u. Wilterdink]	Paris Cat, 13041	3.94	9.0	
3036	98 135	Pola, J. Palisa	Arg.-Oeltzen 11011	3.83	32.2	
3037	81 365	Leipzig, Engelmann	B. D. 2370	56.4	51' 8	
3038	79 76	Leipzig, Engelmann	.....	.....	.....	
3039	81 365	Leipzig, Engelmann	B. D. 2371	7.2	50.8	
3040	69 71	Berlin, Romberg	B. D. 2373	32.2	27.9	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800 +												
3041	+ 8° 2391	9.3	9.3	9.6	79.3	79.0	10 <sup>h</sup> 33 <sup>m</sup> 43 <sup>s</sup> .00	1	+ 3 <sup>s</sup> 1447	-0.0069	+0.008	+ 8° 23' 40" 2	1	18" 650	-0" 161	+ 0" 17	
3042	+ 15 2236	8.2	8.2	8-9	80.30	80.0	33 44.92	2	3.2096	-0.0111	0.009	+15 36 53.7	2	18.651	0.164	0.18	
3043	» »	»	....	8	81.03	80.0	44.91	7	»	»	»	52.9	7	»	»	»	
3044	+ 9 2384	9.3	....	9.3	85.2	85.0	33 51.62	2	3.1549	-0.0075	0.008	+ 9 33 23.2	2	18.654	0.161	0.17	
3045	.....	...	....	...	72.16	72.0	33 56.95	1	3.1228	-0.0055	0.008	+ 5 53 35.8	1	18.657	0.159	0.17	
3046	+ 35 2171	9.5	....	...	74.29	74.0	33 58.66	2	3.4212	-0.0270	0.013	+35 26 58.3	2	18.658	0.175	0.22	
3047	- 8 2976	7.7	....	7-8	83.1	82.0	34 0.34	2	3.0000	+0.0014	0.009	- 8 23 35.8	2	18.659	0.152	0.15	
3048	+ 35 2172	8.5	8.5	8.3	75.26	80.0	34 5.12	2	3.4193	-0.0268	0.013	+35 20 22.6	2	18.662	0.175	0.22	
3049	.....	...	....	10	71.2	71.0	34 14.37	2	3.0314	-0.0002	0.008	- 4 46 58.7	2	18.667	0.154	0.15	
3050	+ 5 2375	9.5	....	...	72.19	72.0	34 18.05	1	3.1222	-0.0055	0.008	+ 5 50 19.3	1	18.668	0.159	0.17	
3051	+ 21 2221	9.1	9	9.1	66.72	65.0	34 27.17	2	3.2682	-0.0152	0.010	+21 53 56.8	2	18.673	0.166	0.19	
3052	.....	...	10-11	...	80.07	80.0	34 31.28	2	3.6198	-0.0452	0.028	+48 20 24.8	2	18.675	0.184	0.26	
3053	+ 35 2173	8.7	....	8.7	74.30	74.0	34 53.81	2	3.4111	-0.0264	0.014	+34 56 6.6	2	18.687	0.173	0.22	
3054	+ 11 2268	7.7	....	8.2	70.2	70.0	35 5.64	2	3.1698	-0.0085	0.008	+11 23 30.9	2	18.694	0.159	0.17	
3055	» »	»	....	8	70.2	70.0	5.82	3	»	»	»	31..	..	»	»	»	
3056	+ 7 2345	8.8	9.5	9	75.31	80.0	35 6.87	2	3.1376	-0.0064	0.008	+ 7 41 18.8	2	18.694	0.158	0.17	
3057	» »	»	....	9	77.26	75.0	7.04	2	»	»	»	18.8	2	»	»	»	
3058	+ 14 2284	8.5	8.3	8-9	80.22	75.0	35 18.42	4	3.1963	-0.0103	0.009	+14 24 32.4	5	18.700	0.160	0.18	
3059	+ 14 2285	8.5	8.5	8-9	80.17	75.0	35 27.17	4	3.1936	-0.0101	0.009	+14 7 28.8	4	18.705	0.160	0.18	
3060	+ 17 2263	8.6	....	...	66.10	66.0	35 27.39	2	3.2191	-0.0118	0.009	+16 56 11.0	2	18.705	0.161	0.18	
3061	+ 8 2395	8.8	....	...	79.3	79.0	35 32.92	1	3.1414	-0.0067	0.008	+ 8 9 57.2	1	18.708	0.157	0.17	
3062	» »	»	8.8	8.8	75.30	70.0	33.02	2	»	»	»	54.1	2	»	»	»	
3063	» »	»	....	...	79.3	79.0	33.10	2	»	»	»	54.5	2	»	»	»	
3064	- 7 3094	7.3	....	8	83.1	82.0	35 36.13	2	3.0097	+0.0010	0.008	- 7 24 10.0	2	18.710	0.150	0.15	
3065	+ 25 2286	8.8	....	9	74.15	74.0	36 0.50	2	3.3039	-0.0181	0.011	+25 48 14.5	2	18.722	0.165	0.20	
3066	+ 9 2395	9.3	....	10.0	85.2	85.0	36 16.56	1	3.1507	-0.0073	0.008	+ 9 19 56.6	1	18.731	0.156	0.17	
3067	+ 43 2040	7.7	8	8-9	65.22	65.0	36 31.95	1	3.5168	-0.0362	0.021	+43 1 44.3	1	18.739	0.175	0.24	
3068	+ 47 1805	8.4	8.4	...	82.30	81.0	36 34.61	2	3.5977	-0.0440	0.028	+47 49 35.4	2	18.740	0.179	0.27	
3069	+ 46 1658	8.0	....	8.0	71.20	71.0	36 39.93	1	3.5797	-0.0423	0.024	+46 51 47.3	1	18.743	0.178	0.26	
3070	+ 45 1859	8.8	9	9	65.31	65.0	36 50.68	1	3.5523	-0.0397	0.022	+45 20 2.3	1	18.748	0.176	0.24	
3071	- 8 2986	9.0	....	9	74.12	74.0	36 58.59	1	3 0021	+0.0016	0.008	- 8 25 33.0	1	18.753	0.147	0.15	
3072	» »	»	....	10.0	72.67	73.0	58.62	6	»	»	»	33.6	5	»	»	»	
3073	+ 8 2400	9.5	9.5	11	74.31	70.0	37 25.68	2	3.1406	-0.0067	0.008	+ 8 15 28.2	2	18.767	0.153	0.17	
3074	+ 20 2514	6.8	6.8	6	74.19	70.0	37 30.72	2	3.2475	-0.0141	0.010	+20 24 52.1	2	18.769	0.159	0.19	
3075	+ 11 2273	7.7	....	7-8	70.2	70.0	37 50.85	3	3.1637	-0.0082	0.008	+11 1 55..	..	18.779	0.154	0.17	
3076	+ 9 2399	9.2	....	9	85.2	85.0	37 51.17	2	3.1512	-0.0074	0.008	+ 9 33 29.0	2	18.780	0.153	0.17	
3077	+ 82 315	9.5	9.5	10.3	83.27	80.0	38 17.69	2	6.5499	-0.6849	2.150	+82 21 30.0	2	18.792	0.325	1.29	
3078	+ 6 2345	9.5	....	9.5	72.98	70.0	38 24.48	2	3.1238	-0.0056	0.008	+ 6 18 58.1	2	18.797	0.151	0.17	
3079	.....	...	10	...	75.28	70.0	38 29.28	2	3.1384	-0.0065	0.008	+ 8 5 24.2	2	18.799	0.151	0.17	
3080	+ 8 2407	9.5	9-10	9.5	78.27	75.0	38 40.13	1	3 1371	-0.0064	0.008	+ 7 57 11.7	1	18.805	0.151	0.17	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
3041	100 244	Königsberg, Rahts	M, 3364	42 <sup>s</sup> 57	41" 7	M <sub>1</sub> 5592, 42 <sup>s</sup> .07 42"'.5; 10 <sup>m</sup> . Siehe Noten.
3042	98 241, 101 202	Berlin, Küstner	Paris Cat, 13076	44.93	53.0	
3043	111 54	Hamburg, Schrader	Weisse, 663 B. Z. 457	44.96	55.2	
3044	112 395	Cap	Karlsruhe Beob. Heft III, [S. 99, Nr. 375]	51.70	23.4	
3045	81 155	Leiden, Valentiner	Leiden Mikrom. Anschluss	56.4	53' 8	Siehe Noten.
3046	86 315	Leiden, E. Bakhuyzen	Leiden Mer. Beob.	58.71	57" 1	Siehe Noten.
3047	105 94	Albany	Paris Cat, 13083	0.25	36.1	
3048	88 23	Berlin, Becker	Lund A. G. Z. 1 u. 163	5.18	23.9	Rouge jaune.
3049	81 351, 84 243	Berlin	Leiden genäherte Mer. beob.	14.3	47' 0	Siehe Noten.
3050	81 155	Leiden, Valentiner	A.N. 77, 357 Mikr. Anschluss	18.45	21" 7	Siehe Noten.
3051	69 71	Berlin, Romberg	B. D. 2221	27.6	52' 8	
3052	98 135	Pola, J. Palisa	Leiden Mikrom. Anschluss	29.5	20.3	Siehe Noten.
3053	86 315, 89 36	Leiden, E. Bakhuyzen	Leiden A. G. Z. 170, 284	53.92	6" 5	
3054	81 71	Berlin, Tietjen	Pulkowa Cat. 1875.0, 2332	5.87	30.6	O. Σ 227 med.
3055	76 47	Durham, Plummer	Paris Cat, 13105	5.84	31.1	Bloss in A. R. bestimmt. A. N. — 1 <sup>m</sup> corrigirt cf. Publ.
3056	88 23	Berlin, Becker	Schjellerup 3910	6.81	21.8	Weisse, 606. B. Z. 69, 6 <sup>s</sup> .74, 27"'.1; 9 <sup>m</sup> . [XVIII A. G.]
3057	94 309	Berlin, Tietjen	M <sub>1</sub> 5629	6.61	22.3	Siehe Noten.
3058	110 291	Leiden, E. Bakhuyzen	Paris Cat, 13109	18.52	32.2	
3059	110 291	[Stieltjes, Wilterdink	Paris Cat, 13113	27.25	28.5	
3060	67 25	Leiden, Kam, v. [Hennekeler	Rümker 3295	26.98	9.3	
3061	95 309, 100 244	Kremsmünster	A.N. 98, 155 Mikr. Anschluss	32.96	55.4	
3062	86 211	Berlin, Becker	B. B. VI 2395	33.00	55.8	
3063	100 244	Königsberg, Rahts	.....	.....	.....	
3064	105 94	Albany	M <sub>1</sub> 5642	36.06	11.0	
3065	86 315	Leiden, E. Bakhuyzen	Weisse, 710 B. Z. 500	0.48	14.2	
3066	112 395	Cap	M, 3391	15.98	51.7	
3067	69 71	Berlin, Romberg	Paris Cat, 13137	31.83	42.1	Bonn A. G. C. 7732, 31 <sup>s</sup> .68, 42"'.1; 7 <sup>m</sup> .9.
3068	108 185	Pulkowa, Romberg	A.N. 102, 206 Mikr. Anschluss	34.18	37.8	Siehe Note zur Nr. 1718. Bonn A. G. C. 7734, 34 <sup>s</sup> .63, [35"'.1; 8 <sup>m</sup> .3.]
3069	79 138	Leiden, Valentiner	Pulkowa Cat. 1875.0 2341	39.77	48.0	E. B Siehe Noten. Bonn A. G. C. 7736, 39 <sup>s</sup> .77, 46"'.5; 8 <sup>m</sup> .0.
3070	69 71	Berlin, Romberg	Arg.-Oeltzen 11079	50.28	58.7	Bonn A. G. C. 7739, 50 <sup>s</sup> .41, 1"'.0; 8 <sup>m</sup> .9.
3071	86 315	Leiden, E. Bakhuyzen	M <sub>1</sub> 5676	58.76	33.9	Publ. v. Kuffnerschen Sternw. III, Zone 18, 58 <sup>s</sup> .57, 32"'.4; 9 <sup>m</sup> .0
3072	85 202	Leiden, Valentiner	M, 3398	58.25	33.5	Siehe Noten.
3073	84 233	Berlin, Knorre	Rümker 3307	25.60	35.5	Siehe Noten.
3074	84 233	Berlin, Knorre	Paris Cat, 13161	30.74	52.3	Berl. A. G. C. B. 4086, 30 <sup>s</sup> .74, 52"'.1; 6 <sup>m</sup> .2.
3075	76 47	Durham, Plummer	Paris Cat, 13167	50.87	52.3	Bloss in A. R. scharf bestimmt.
3076	112 395	Cap	Weisse, 657 B. Z. 66	51.17	25.9	
3077	111 175	Berlin, Knorre	Redhill Cat. 1593	18.5	30.2	
3078	84 243, 80 319	Berlin, Tietjen	B. D. 2345	21.9	18' 7	A. N. 80 Scheinb. Ort.
3079	86 211, 98 199, 94 299, 95 293	Berlin, Becker	Leiden Mikrom. Anschluss	28.5	5.5	Leiden Mer. Beob. 28 <sup>s</sup> .83, 26"'.4 Siehe Noten.
3080	98 201	Pola, J. Palisa	B. D. 2407	39.6	56.2	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
3081	+ 60°1287	8.3	8.3	8.7	79.7	79.0	10h 38m 41s 09	2	+ 38 8737	—0.0762	+0.059	+59°54' 22"6	2	18"805	—0"188	+ 0"31
3082	...	...	10	...	74.30	70.0	38 53.62	2	3.1382	—0.0065	0.008	+ 8 6 8.9	2	18.811	0.151	0.17
3083	+ 8 2409	8.0	...	7	74.29	74.0	39 1.85	2	3.1387	—0.0065	0.008	+ 8 10 16.7	2	18.816	0.150	0.17
3084	" "	"	...	8	79.3	79.0	1.91	..	"	"	"	19.3	..	"	"	"
3085	+ 44 2012	7.8	...	7-8	65.22	65.0	39 13.70	1	3.5299	—0.0386	0.022	+44 45 39.3	1	18.821	0.170	0.24
3086	+ 8 2410	9.5	...	9.5	74.27	74.0	39 19.38	2	3.1364	—0.0064	0.008	+ 7 55 36.6	2	18.824	0.150	0.17
3087	+ 14 2294	5.8	...	5-6	70.25	70.0	39 47.95	2	3.1938	—0.0104	0.009	+14 51 15.5	2	18.839	0.152	0.18
3088	" "	"	...	5.8	70.18	70.0	48.06	2	"	"	"	15.0	2	"	"	"
3089	.....	...	...	10	85.2	85.0	40 13.75	2	3.1460	—0.0071	0.008	+ 9 11 9.5	2	18.852	0.148	0.17
3090	+ 3 2411	8.2	...	8.2	71.21	70.0	40 24.70	2	3.1021	—0.0042	0.008	+ 3 45 19.5	2	18.857	0.146	0.17
3091	+ 11 2278	9.3	9.5	9.3	75.22	80.0	40 32.17	1	3.1654	—0.0084	0.008	+11 35 4.4	1	18.861	0.149	0.17
3092	+ 11 2279	9.5	10	9.5	75.25	80.0	40 36.88	2	3.1664	—0.0085	0.008	+11 42 53.5	2	18.863	0.149	0.17
3093	+ 8 2413	9.5	...	9.7	74.30	74.0	40 41.16	3	3.1364	—0.0064	0.008	+ 8 2 53.4	3	18.865	0.147	0.17
3094	.....	...	9.0	10.1	71.32	71.0	40 50.26	1	3.1542	—0.0076	0.008	+10 15 51.4	1	18.870	0.148	0.17
3095	+ 5 2398	9.3	...	9.3	73.15	70.0	40 58.33	2	3.1179	—0.0052	0.008	+ 5 46 0.3	2	18.874	0.146	0.17
3096	— 0 2373	9.3	...	9.3	73.15	70.0	40 59.10	1	3.0704	—0.0021	0.008	— 0 13 58.4	1	18.874	0.143	0.17
3097	+ 9 2349	9.3	...	9.0	85.2	85.0	41 25.04	2	3.1436	—0.0069	0.008	+ 9 1 0.1	2	18.887	0.146	0.17
3098	+ 8 2418	8.2	...	8	85.2	85.0	42 11.79	2	3.1418	—0.0068	0.008	+ 8 52 49.6	2	18.910	0.144	0.17
3099	.....	...	...	9.1	70.17	70.0	42 21.31	2	3.1529	—0.0076	0.008	+10 17 15.7	2	18.914	0.145	0.17
3100	+ 10 2208	7.6	8	8	66.30	65.0	42 29.74	1	3.1570	—0.0079	0.008	+10 49 6.0	1	18.918	0.145	0.17
3101	— 6 3233	8.7	...	9	71.16	70.0	42 37.49	1	3.0217	+0.0010	0.008	— 6 31 0.3	1	18.922	0.138	0.15
3102	+ 4 2385	8.0	7	8.0	67.13	65.0	42 56.18	2	3.1039	—0.0042	0.008	+ 4 6 2.9	2	18.931	0.141	0.17
3103	+ 4 2384	9.3	...	10.0	71.27	71.0	42 57.28	2	3.1097	—0.0046	0.008	+ 4 51 5.5	2	18.932	0.142	0.17
3104	+ 11 2286	9.4	...	...	78.2	78.0	43 40.00	..	3.1630	—0.0084	0.008	+11 44 31.3	..	18.952	0.143	0.17
3105	+ 11 2288	8.7	9	9	66.31	65.0	43 56.94	2	3.1568	—0.0079	0.008	+10 59 31.8	2	18.960	0.142	0.17
3106	+ 7 2371	9.0	8.9	9.0	78.27	75.0	44 9.31	1	3.1305	—0.0060	0.008	+ 7 38 39.0	1	18.966	0.140	0.17
3107	+ 13 2315	8.3	8.3	7-8	80.15	75.0	44 9.64	5	3.1720	—0.0090	0.009	+12 55 46.8	5	18.966	0.142	0.17
3108	+ 7 2374	8.5	...	9	79.3	79.0	44 20.90	..	3.1295	—0.0060	0.008	+ 7 31 23.7	..	18.972	0.140	0.17
3109	+ 7 2375	8.3	9	9	74.30	70.0	44 41.09	2	3.1285	—0.0059	0.008	+ 7 25 30.6	2	18.981	0.139	0.17
3110	+ 10 2212	8.2	8.6	7-8	69.24	69.0	44 41.34	1	3.1475	—0.0073	0.008	+ 9 53 39.1	1	18.981	0.140	0.17
3111	+ 19 2385	9.1	9	9	74.18	70.0	44 44.75	3	3.2278	—0.0134	0.010	+19 50 21.9	3	18.983	0.144	0.15
3112	.....	...	10	10	79.23	75.0	44 44.94	1	3.1293	—0.0060	0.008	+ 7 32 6.9	1	18.983	0.139	0.17
3113	+ 14 2305	8.0	8	8-9	75.28	80.0	44 55.08	2	3.1821	—0.0098	0.009	+14 19 44.0	2	18.988	0.141	0.18
3114	+ 32 2079	7.6	7.5	7.6	75.31	80.0	45 3.19	2	3.3409	—0.0230	0.012	+32 1 50.2	2	18.991	0.148	0.22
3115	" "	"	...	8	74.27	74.0	3.24	2	"	"	"	50.9	2	"	"	"
3116	+ 2 2364	9.0	9.1	9.0	79.2	78.0	45 18.05	3	3.0885	—0.0031	0.008	+ 2 10 0.4	3	18.998	0.136	0.15
3117	+ 14 2308	9.0	...	9.0	70.18	70.0	45 30.86	2	3.1827	—0.0099	0.009	+14 30 20.8	2	19.004	0.140	0.18
3118	" "	"	...	...	70.16	70.0	31.08	2	"	"	"	21.2	2	"	"	"
3119	+ 8 2423	8.3	...	9	85.2	85.0	45 53.74	1	3.1386	—0.0067	0.008	+ 8 52 35.0	1	19.015	0.137	0.17
3120	.....	...	10	10	78.25	75.0	46 6.23	2	3.1262	—0.0058	0.008	+ 7 15 38.7	2	19.021	0.136	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3081	100 249	Königsberg, Rahts	Helsingfors A.G.C. 6471	41.01	24"8	Siehe Noten.
3082	84 233	Berlin, Knorre	Leiden Mikrom. Anschluss	37..	6' 8	Siehe Noten.
3083	86 315, 107 108	Leiden, E. Bakhuyzen	Glasgow Cat. I 2792	1.97	15"6	
3084	98 253	Kremsmünster	Schjellerup 3933	1.98	18.5	
3085	69 71	Berlin, Romberg	Paris Cat, 13184	13.42	38.5	Bonn A.G.C. 7755, 13 <sup>s</sup> .54, 39"2; 8 <sup>m</sup> .3.
3086	86 316, 88 270, 107 108	Leiden, E. Bakhuyzen	B. D. 2410	18.5	55' 8	
3087	76 317	Leiden, Valentiner	Paris Cat, 13195	48.03	14"6	E.B. { — 0 <sup>s</sup> .0094 — 0"065 nach Paris Cat. — 0.0109 — 0.061 » Stumpe A. N. 125. S. 405. — 0.0109 — 0.064 » Pulk. Obs.
3088	81 71	Berlin, Tietjen	Pulk. Obs. Vol. VIII pag. [268, 1676]	48.09	15.5	
3089	112 395	Cap	Markree Cat. Vol. I, p. 162	13.6	11' 2	
3090	81 71	Berlin, Tietjen	Albany A. G. C. 4124	24.76	21"8	
3091	88 23	Berlin, Becker	M <sub>2</sub> 3440	31.57	1.9	
3092	88 23	Berlin, Becker	B. D. 2279	35.0	43' 2	
3093	86 316, 107 108	Leiden, E. Bakhuyzen	M <sub>2</sub> 3441	41.15	52"8	
3094	79 76	Leipzig, Engelmann	Markree Cat. Vol. II p. 49	48.0	17' 6	
3095	84 243	Berlin, Tietjen	B. D. 2398	58.6	46.7	
3096	84 243	Berlin, Tietjen	B. D. 2373	56.1	13.7	
3097	112 395	Cap	M <sub>2</sub> 3445	24.99	1"2	
3098	112 395	Cap	Paris Cat, 13232	11.72	49.4	
3099	81 71	Berlin, Tietjen	Markree Cat. Vol. II, p. 49	18..	17' 4	
3100	69 71	Berlin, Romberg	Paris Cat, 13238	29.69	5"2	
3101	81 71	Berlin, Tietjen	Weisse, 745 B.Z. 220	37.61	5.8	A. N. δ — 18"8 corrigirt, Leid. Mer. Beob. 37 <sup>s</sup> .48, 0"2. [Siehe Noten.
3102	69 71	Berlin, Romberg	Albany A. G. C. 4139	56.02	2.4	
3103	78 201, 79 107	Cambridg.(M), Rogers	M <sub>2</sub> 3466	57.01	6.0	A. N. δ — 18"9 corrigirt. Siehe Noten.
3104	94 235	Cambridge (M)	A.N. 94, 235 Mikr. Anschluss	39.90	27.3	Siehe Noten.
3105	69 71	Berlin, Romberg	Paris Cat, 13264	56.91	31.3	
3106	98 201	Pola, J. Palisa	B. B. VI 2371	9.34	43.9	
3107	110 291	Leiden, E. Bakhuyzen [u. Wilterdink]	Paris Cat, 13268	9.62	46.5	
3108	98 253	Kremsmünster	M <sub>1</sub> 5867	21.08	23.7	
3109	84 233	Berlin, Knorre	Schjellerup 3958	41.10	34.6	
3110	76 43	Leipzig, Engelmann	Paris Cat, 13274	41.12	35.8	E.B. { — 0 <sup>s</sup> .001 — 0"24 nach Porter Pr. Mot. 594. — 0.0000 — 0.234 » Paris Cat. — 0.0012 — 0 248 » Glasg. II, 71.
3111	84 233	Berlin, Knorre	Weisse, 885 B.Z. 502	44.55	22.2	
3112	95 295	Pola, J. Palisa	Markree Cat. Vol. IV, p. 136	44..	32' 1	
3113	88 23	Berlin, Becker	Weisse, 793 B. Z. 73	55.12	41"0	
3114	88 23	Berlin, Becker	Leiden A.G.Z. 163, 278	3.26	51.3	
3115	86 316	Leiden, E. Bakhuyzen	Kam 1850	3.28	49.4	
3116	97 256	Cordoba	Albany A. G. C. 4152	17.94	0.4	
3117	76 317	Leiden, Valentiner	B. D. 2308	31.3	31' 6	
3118	81 71	Berlin, Tietjen	.....	.....	.....	
3119	112 395	Cap	M <sub>1</sub> 5913	53.92	37"7	
3120	98 201	Pola, J. Palisa	Markree Cat. Vol. I, p. 163	6..	15' 7	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
3121	+50° 1775	7.5	....	8	70.13	70.0	10 <sup>h</sup> 46 <sup>m</sup> 8 <sup>s</sup> 01	2	+ 3 <sup>s</sup> 57 50	—0 <sup>s</sup> 04 69	+0 <sup>s</sup> 03 0	+49° 53' 42" 2	2	19 <sup>h</sup> 02 22	—0" 15 7	+ 0" 26
3122	+ 7 2379	8.6	....	9	79.3	79.0	46 19.80	..	3.1307	—0.0061	0.008	+ 7 52 52.2	..	19.027	0.136	0.17
3123	— 3 3010	8.0	....	8	75.07	75.0	46 28.35	1	3.0483	—0.0004	0.008	— 3 15 9.6	1	19.031	0.132	0.15
3124	+ 48 1898	8.5	....	9	80.16	80.0	47 11.51	1	3.5386	—0.0435	0.028	+48 9 25.5	1	19.051	0.153	0.25
3125	» »	»	....	9.0	80.07	80.0	47 11.78	2	3.5386	—0.0435	0.028	+48 9 24.9	2	19.051	0.153	0.25
3126	.....	...	11.2	...	69.24	69.0	47 36.09	2	3.1445	—0.0071	0.008	+ 9 50 43.5	2	19.062	0.134	0.17
3127	+ 7 2380	9.5	....	9.5	74.27	74.0	47 54.67	2	3.1246	—0.0057	0.008	+ 7 13 4.2	2	19.070	0.133	0.17
3128	+ 10 2218	9.1	9	10.0	66.31	65.0	47 57.18	2	3.1506	—0.0076	0.008	+10 44 5.8	2	19.071	0.134	0.17
3129	+ 65 808	7.5	7.8	7.2	64.59	65.0	48 6.28	2	3.9652	—0.0995	0.098	+65 12 5.5	2	19.075	0.170	0.35
3130	+ 4 2395	9.5	9.3	9.5	71.32	71.0	48 11.77	1	3.1010	—0.0039	0.008	+ 3 59 41.2	1	19.078	0.131	0.17
3131	» »	»	9.2	...	72.31	72.0	11.80	1	»	»	»	40.6	1	»	»	»
3132	+ 9 2425	9.5	9.5	9.5	82.28	82.0	48 47.25	1	3.1385	—0.0067	0.008	+ 9 12 26.4	1	19.094	0.132	0.17
3133	+ 3 2433	9.3	(9)	9	71.33	71.0	48 48.72	1	3.0978	—0.0037	0.008	+ 3 34 45.0	1	19.095	0.130	0.16
3134	» »	»	9.1	9.3	72.24	72.0	48.83	2	»	»	»	45.2	2	»	»	»
3135	+ 6 2369	6.5	7	6	75.28	70.0	49 32.11	2	3.1209	—0.0054	0.008	+ 6 51 6.4	2	19.114	0.130	0.17
3136	+ 23 2279	6.2	7	6	65.18	65.0	49 32.96	2	3.2441	—0.0154	0.011	+23 1 5.6	2	19.114	0.135	0.19
3137	+ 47 1832	9.0	....	9.0	80.07	80.0	49 46.30	2	3.5181	—0.0426	0.029	+47 52 3.4	2	19.120	0.147	0.24
3138	.....	...	10	10	74.30	70.0	50 0.06	2	3.1229	—0.0056	0.009	+ 7 10 34.8	2	19.126	0.129	0.17
3139	+ 6 2370	7.8	....	7-8	?	80.0	50 2.27	..	3.1141	—0.0049	0.009	+ 5 56 30.4	..	19.127	0.128	0.17
3140	» »	»	7.8	8.5	80.30	80.0	2.33	3	»	»	»	28.8	3	»	»	»
3141	+ 8 2436	9.2	....	...	85.2	85.0	50 8.62	1	3.1342	—0.0064	0.009	+ 8 46 36.2	1	19.130	0.129	0.17
3142	+ 82 322	8.5	....	9.7	81.7	81.0	50 18.28	1	6.0514	—0.6259	2.046	+82 20 48.0	1	19.134	0.256	1.08
3143	+ 22 2290	7.5	7.8	7-8	65.22	65.0	50 27.59	1	3.2376	—0.0149	0.011	+22 28 50.0	1	19.138	0.133	0.19
3144	+ 7 2389	9.5	9.5	9.5	74.22	70.0	50 38.53	2	3.1216	—0.0055	0.009	+ 7 3 52.8	2	19.143	0.127	0.17
3145	+ 5 2420	8.7	8.7	9.3	82.28	82.0	50 52.79	2	3.1125	—0.0048	0.009	+ 5 47 32.0	2	19.149	0.127	0.17
3146	+ 3 2439	9.2	....	9.0	71.16	70.0	51 22.98	2	3.0946	—0.0034	0.009	+ 3 14 28.4	2	19.162	0.125	0.17
3147	+ 3 2438	9.2	9	9.1	66.72	65.0	51 23.13	2	3.0951	—0.0034	0.009	+ 3 18 57.6	2	19.162	0.125	0.17
3148	+ 10 2227	7.7	....	7-8	70.2	70.0	51 39.90	3	3.1441	—0.0072	0.009	+10 22 9..	..	19.169	0.126	0.17
3149	.....	...	10	10½	78.20	75.0	51 56.25	2	3.1181	—0.0052	0.009	+ 6 40 44.1	2	19.176	0.125	0.17
3150	+ 12 2284	5.5	....	7	64.66	65.0	53 9.23	1	3.1566	—0.0083	0.009	+12 22 27.1	1	19.208	0.124	0.17
3151	+ 64 824	6.8	....	6.5	64.66	65.0	53 10.80	1	3.8634	—0.0913	0.088	+64 5 35.2	1	19.208	0.154	0.32
3152	+ 6 2384	5.2	5.6	5.1	74.22	70.0	54 16.00	2	3.1172	—0.0051	0.009	+ 6 46 21.1	2	19.235	0.120	0.17
3153	+ 60 1302	9.0	9	9.1	64.76	65.0	54 22.57	1	3.7317	—0.0734	0.062	+60 12 11.6	1	19.238	0.146	0.29
3154	+ 8 2446	9.0	....	8-9	83.1	82.0	54 26.16	2	3.1272	—0.0060	0.009	+ 8 17 19.2	2	19.239	0.121	0.17
3155	+ 6 2388	8.7	8.9	9	78.20	75.0	54 40.47	2	3.1141	—0.0049	0.009	+ 6 21 4.0	2	19.245	0.119	0.17
3156	+ 22 2299	9.0	9	9	66.22	65.0	55 16.02	1	3.2280	—0.0149	0.011	+22 41 11.3	1	19.259	0.123	0.19
3157	+ 60 1305	8.8	9	9.0	64.76	65.0	55 23.92	1	3.7191	—0.0728	0.061	+60 6 21.7	1	19.263	0.143	0.29
3158	+ 62 1160	6.5	6.7	6.6	64.59	65.0	55 38.13	1	3.7790	—0.0817	0.075	+62 19 46.9	1	19.268	0.144	0.30
3159	+ 9 2439	8.5	....	9	66.31	65.0	55 44.74	2	3.1344	—0.0066	0.009	+ 9 32 30.2	2	19.271	0.118	0.17
3160	+ 60 1306	8.0	8.9	8.0	64.75	65.0	56 40.84	1	3.7173	—0.0739	0.064	+60 31 3.0	1	19.294	0.140	0.29



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3121	81 71	Berlin, Tietjen	Arg.-Oeltzen 11203	8 <sup>s</sup> 16	41" 5	{ Cambr. (M.) A. G. C. 3736, 8 <sup>s</sup> .10, 41" .6; 7 <sup>m</sup> .6. Bonn A. G. C. 7796, 7 <sup>s</sup> .95, 41" .0; 7 <sup>m</sup> .5.
3122	95 309	Kremsmünster	Paris Cat, 13317	19.73	50 3	
3123	86 111	Hamburg, Lindstedt	Paris Cat, 13319	28.17	11.4	
3124	98 135	Pola, J. Palisa	Arg.-Oeltzen 11221	11.51	23.7	Dupl. praec. } » seq. } cf. A.N. 99, 63.
3125	98 135	Pola, J. Palisa	Bonn A. G. C. 7805. Dupl. [med.]	11.67	25.0	
3126	76 44	Leipzig, Engelmann	A. N. 78, 349 Mikr. Anschluss	35.72	40.6	Markree Cat. Vol. II p. 180, 36 <sup>s</sup> , 50' .7, 10 <sup>s</sup> .m.
3127	86 316, 107 108	Leiden, E. Bakhuyzen	B. D. 2380	54.2	13' 1	
3128	69 71	Berlin, Romberg	M, 3526	56.88	7" 5	
3129	69 71	Berlin, Romberg	Christiania A. G. C. 1683	6.14	2.3	
3130	79 76	Leipzig, Engelmann	B. D. 2395	9.9	59' 1	
3131	81 365	Leipzig, Engelmann	.....	.....	.....	
3132	102 172, 103 139	Leipzig, Weinek	B. D. 2425	47.1	12.7	
3133	79 76	Leipzig, Engelmann	M, 5986	48.57	47" 2	
3134	81 365	Leipzig, Engelmann	M, 3535	48.61	44.4	
3135	86 211, 94 299	Berlin, Becker	Paris Cat, 13379	31.95	7.5	Glasg. Cat. I 2835, 32 <sup>s</sup> .03, 7" 2; 7 <sup>m</sup> . Berl. A.G.C.B. 4138, 32 <sup>s</sup> .90, 4" 4; 6 <sup>m</sup> 1. E.B. — 0 <sup>s</sup> .005 — 0" .02 [nach Berl. A. G. C.]
3136	69 71	Berlin, Romberg	Paris Cat, 13380	32.83	3.6	
3137	98 135	Pola, J. Palisa	Yarnall 4668	46.44	5.8	Bonn A. G. C. 7827, 46 <sup>s</sup> .42, 2" .8; 9 <sup>m</sup> .2.
3138	84 233	Berlin, Knorre	Markree Cat. Vol. I p. 163	0. .	10' 5	
3139	98 131	Kremsmünster	Paris Cat, 13389	2.33	29" 1	Getrennt von Schjellerup 3989.
3140	98 241, 101 202	Berlin, Küstner	Schjellerup 3989	2.20	31.1	
3141	112 395	Cap	Rümker 3411	8.12	29.0	
3142	100 341	O'Gyalla, Lakits	Redhill Cat. 1628	20.3	57.7	{ Berl. A. G. C. B. 4140, 27 <sup>s</sup> .40, 45" .0; 8 <sup>m</sup> 3. E. B. — 0 <sup>s</sup> .011 — 0" .19 nach Porter Prop. Mot. 605. E. B. — 0.0070 — 0.211 » Paris Cat.
3143	69 71	Berlin, Romberg	Paris Cat, 13400	27.50	46.6	
3144	84 233	Berlin, Knorre	B. D. 2389	37.4	3' 9	{ Küstner 360, 52 <sup>s</sup> .72, 33" .2; 8 <sup>m</sup> .7 M, 6042 52.83, 31.6; 9 <sup>m</sup> .
3145	102 301	Berlin, Leman	M, 3560	52.45	34" 1	
3146	81 71	Berlin, Tietjen	Albany A. G. C. 4173	22.96	29.8	
3147	69 71, 67 245	Berlin, Romberg	Albany A. G. C. 4174	22.99	56.4	
3148	76 47	Durham, Plummer	Paris Cat, 13424	39.60	9.2	A. N. Bloss in A. R. scharf bestimmt.
3149	98 201	Pola, J. Palisa	Markree Cat. Vol. II p. 194	56. .	40' 8	
3150	69 71	Berlin, Romberg	Greenwich 7 Year Cat. 850	9.47	25' 2	E. B. nach Greenw. Cat. — 0 <sup>s</sup> .006 — 0" .01.
3151	69 71	Berlin, Romberg	Helsingfors A. G. C. 6581	10.71	33.6	
3152	84 233	Berlin, Knorre	Pulkowa Obs. Vol. VIII p. [269, 1716]	16.06	21.2	E. B. nach Pulk. — 0 <sup>s</sup> .0057, 0" .000.
3153	69 72	Berlin, Romberg	Helsingfors A. G. C. 6590	22.77	5.7	
3154	110 196	Albany, Tucker	Paris Cat, 13486	26.20	19.2	
3155	98 201	Pola, J. Palisa	M, 6114	41.27	7.2	
3156	69 72	Berlin, Romberg	Weisse, 1088 B. Z. 453	16.02	7.4	Berlin A. G. C. B. 4162, 15 <sup>s</sup> .91, 10" .6; 9 <sup>m</sup> 1.
3157	69 72	Berlin, Romberg	Helsingfors A. G. C. 6598	24.26	18.8	
3158	69 72	Berlin, Romberg	Helsingfors A. G. C. 6600	37.89	42.7	Pulk. Cat. 1875.0, 2402, 37 <sup>s</sup> .93, 42" .7; 7 <sup>m</sup> .0. E.B. S. Noten.
3159	69 72	Berlin, Romberg	M, 6137	44.67	33.7	
3160	69 72	Berlin, Romberg	Helsingfors A. G. C. 6612	41.09	0.2	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
1800 +																
3161	+60° 1307	9.0	8.9	8.6	65.22	65.0	10h 56m 55s 81	1	+ 38 7137	—0.0737	+0.064	+60° 28' 29" 7	1	19" 300	—0" 139	+ 0" 29
3162	+ 5 2435	9.5	....	9.5	80.3	80.0	57 15.37	..	3.1062	—0.0043	0.009	+ 5 22 26.2	..	19.307	0.114	0.17
3163	— 0 2400	9.5	9.5	9.5	74.23	70.0	57 18.56	2	3.0663	—0.0010	0.009	— 0 57 0.2	2	19.309	0.113	0.16
3164	+ 16 2206	8.7	8.7	9.0	73.24	73.0	57 32.09	1	3.1790	—0.0106	0.010	+16 31 27.0	1	19.314	0.117	0.18
3165	+ 0 2730	8.5	....	8	66.30	65.0	57 37.20	1	3.0763	—0.0018	0.009	+ 0 38 32.8	1	19.316	0.112	0.16
3166	+ 6 2396	8.8	9	9.5	78.21	75.0	57 38.45	2	3.1134	—0.0049	0.009	+ 6 31 43.4	2	19.316	0.114	0.17
3167	+ 7 2404	9.2	....	9.5	81.4	81.0	57 38.86	3	3.1161	—0.0051	0.009	+ 6 58 15.0	3	19.317	0.114	0.17
3168	+ 6 2397	8.2	....	7-8	81.4	81.0	57 51.10	3	3.1093	—0.0045	0.009	+ 5 53 53.1	3	19.321	0.113	0.17
3169	+ 6 2398	8.5	8	9	74.21	70.0	57 52.76	2	3.1128	—0.0048	0.009	+ 6 28 1.2	2	19.322	0.113	0.17
3170	+ 8 2454	9.5	....	9.5	85.2	85.0	58 0.41	1	3.1256	—0.0059	0.009	+ 8 29 37.6	1	19.325	0.114	0.17
3171	+ 21 2279	8.4	....	7-8	66.19	66.0	58 30.23	2	3.2117	—0.0138	0.011	+21 28 42.7	2	19.336	0.116	0.18
3172	+ 13 2350	7.8	....	8	73.23	70.0	59 16.56	2	3.1546	—0.0086	0.010	+13 14 32.7	2	19.354	0.112	0.17
3173	+ 13 2352	8.5	....	8.4	70.18	70.0	59 34.72	3	3.1558	—0.0087	0.010	+13 28 43.6	3	19.361	0.112	0.17
3174	+ 8 2456	9.0	....	9.0	85.2	85.0	59 38.29	2	3.1212	—0.0056	0.009	+ 7 59 58.0	2	19.363	0.110	0.17
3175	+ 10 2244	8.8	....	10	71.21	70.0	59 48.23	2	3.1338	—0.0067	0.009	+10 3 44.7	2	19.366	0.110	0.17
3176	+ 13 2356	9.2	....	9	66.4	66.0	11 0 34.13	1	3.1567	—0.0088	0.010	+13 49 54.8	1	19.384	0.110	0.18
3177	» » »	....	...	...	66.4	66.0	34.28	3	»	»	»	56.9	3	»	»	»
3178	+ 10 2250	7.3	....	7	80.11	75.0	0 41.46	5	3.1381	—0.0071	0.009	+10 53 16.6	5	19.386	0.107	0.17
3179	+ 60 1312	9.3	8	9.3	64.90	65.0	1 52.82	1	3.6737	—0.0736	0.066	+60 51 12.7	1	19.413	0.126	0.28
3180	+ 9 2454	9.1	9.0	9.2	86.24	86.0	2 17.46	2	3.1279	—0.0063	0.009	+ 9 28 42.2	2	19.422	0.105	0.17
3181	» » »	9	10.0	66.30	65.0	17.51	2	»	»	»	42.0	2	»	»	»	
3182	+ 5 2451	8.5	8	9	78.21	75.0	2 18.37	2	3.1053	—0.0042	0.009	+ 5 40 5.6	2	19.422	0.104	0.17
3183	+ 7 2418	9.3	....	9.3	81.3	81.0	2 29.79	3	3.1165	—0.0052	0.009	+ 7 35 51.0	3	19.426	0.105	0.17
3184	+ 9 2458	9.2	9.3	10	86.25	86.0	2 56.53	4	3.1273	—0.0062	0.009	+ 9 29 11.4	4	19.436	0.104	0.17
3185	» » »	9.3	10.0	71.33	71.0	56.62	1	»	»	»	12.5	1	»	»	»	
3186	» » »	9.3	...	72.25	72.0	56.64	1	»	»	»	11.4	1	»	»	»	
3187	+ 66 703	8.5	8.9	8.0	64.75	65.0	3 7.03	1	3.8357	—0.1023	0.114	+66 43 26.3	1	19.440	0.129	0.32
3188	+ 45 1900	9.1	9.1	9.3	82.32	81.0	3 11.14	2	3.4086	—0.0375	0.025	+45 42 52.4	2	19.441	0.114	0.22
3189	+ 59 1352	8.8	8.9	8.8	64.76	65.0	3 11.45	1	3.6307	—0.0687	0.060	+59 34 20.2	1	19.441	0.122	0.28
3190	+ 8 2464	9.0	....	9	81.3	81.0	3 14.77	3	3.1193	—0.0055	0.009	+ 8 10 40.5	3	19.442	0.103	0.17
3191	+ 10 2255	8.6	8.6	8-9	80.15	75.0	3 17.69	4	3.1349	—0.0070	0.009	+10 50 6.8	4	19.444	0.104	0.17
3192	+ 66 704	8.7	8	7.9	65.22	65.0	3 35.80	1	3.8284	—0.1018	0.114	+66 41 44.2	1	19.450	0.128	0.32
3193	+ 66 706	9.2	9	9.0	64.76	65.0	3 47.42	1	3.8293	—0.1024	0.115	+66 47 29.5	1	19.454	0.127	0.32
3194	+ 68 634	8.5	8.9	8.6	63.88	65.0	4 11.64	2	3.8924	—0.1146	0.138	+68 32 41.3	2	19.463	0.128	0.34
3195	.....	...	9-10	Var.	78.17	75.0	4 23.02	2	3.1068	—0.0043	0.009	+ 6 8 16.8	2	19.467	0.101	0.17
3196	+ 61 1226	7.9	8	7.0	65.22	65.0	4 37.20	1	3.6709	—0.0768	0.072	+61 52 54.4	1	19.472	0.120	0.26
3197	+ 49 2029	9.1	....	...	67.7	67.0	4 50.11	..	3.4430	—0.0431	0.029	+49 18 45.0	..	19.476	0.111	0.24
3198	+ 9 2465	8.9	9.2	9	82.28	82.0	4 52.93	1	3.1224	—0.0058	0.009	+ 8 56 44.6	1	19.477	0.100	0.17
3199	+ 8 2469	9.5	9.5	9.5	83.23	80.0	5 11.72	1	3.1180	—0.0054	0.009	+ 8 13 29.6	1	19.484	0.099	0.17
3200	» » »	....	...	...	81.3	81.0	12.50	2	»	»	»	33..	..	»	»	»

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3161	69 72	Berlin, Romberg	Helsingfors A. G. C. 6613	55.85	30'6	Siehe Noten.
3162	98 131	Kremsmünster	B. D. 2435	14.3	22'8	
3163	84 233	Berlin, Knorre	B. D. 2400	15.0	56.2	
3164	88 135	Wien, Holetschek	B. B. VI 2206	32.49	35"2	
3165	69 72	Berlin, Romberg	Paris Cat, 13537	37.28	32.0	
3166	98 201	Pola, J. Palisa	M, 3625	38.22	44.9	
3167	102 294	Königsberg, Rahts	M, 3626	38.31	10.2	
3168	102 294	Königsberg, Rahts	Paris Cat, 13541	51.07	53.6	
3169	84 233, 95 293	Berlin, Knorre	M, 6195	53.00	2.8	
3170	112 395	Cap	B. D. 2454	58.5	30'4	
3171	67 25	Leiden, Kam u. van [Hennekeler]	Paris Cat, 13546	30.25	41"1	Berlin A. G. C. B. 4177, 30 <sup>s</sup> .21, 42"1; 8 <sup>m</sup> .4.
3172	84 243	Berlin, Tietjen	Glasgow Cat. I 2867	16.61	31.9	
3173	76 317	Leiden, Valentiner	Yarnall 4731	34.84	44.1	
3174	112 395	Cap	B. B. VI 2456	38.18	57.3	
3175	81 71	Berlin, Tietjen	Schjellerup 4038	47.94	47.2	
3176	69 364	Königsberg, Lorek	Weisse, 1071 B.Z. 73	34.74	52.2	
3177	78 63	Königsberg, Lorek	.....	.....	.....	
3178	110 291	Leiden, E. Bakhuyzen [Stieltjes, Wilterdink]	Paris Cat, 13578	41.57	15.9	
3179	69 271	Berlin, Romberg	Helsingfors A. G. C. 6649	52.67	12.0	
3180	Publicat. XVIII der A. G.	Pulkowa Romberg	B. B. VI 2454	16.99	42.1	
3181	69 72	Berlin Romberg	M, 3677	17.23	41.0	Siehe Noten.
3182	98 201	Pola, J. Palisa	M, 6317	18.45	7.1	
3183	102 294	Königsberg, Rahts	B. D. 2418	30.6	35'3	
3184	Publicat. XVIII der A. G.	Pulkowa, Romberg	M, 6330	56.57	20"9	
3185	79 76	Leipzig, Engelmann	M, 3682	56.35	12.8	
3186	81 365	Leipzig, Engelmann	.....	.....	.....	
3187	69 72	Berlin, Romberg	Christiania A. G. C. 1719	7.44	22.2	
3188	108 185	Pulkowa, Romberg	B. B. VI 1900	10.79	50.8	
3189	69 72	Berlin, Romberg	Helsingfors A. G. C. 6658	11.35	16.3	
3190	102 294	Königsberg, Rahts	Schjellerup 4051	14.36	43.3	
3191	110 291	Leiden, E. Bakhuyzen	Paris Cat, 13633	17.71	7.6	E. B. — 0 <sup>s</sup> .057 — 0"08. Porter Prop. Mot. 622. B. D. A. R. etwa 20 <sup>s</sup> zu gross, cf. Publ. XVIII d. A. G., S. 49. S. Leonis. Scheinb. Aeq. 1867 Oct. 3. Red. + 0 <sup>s</sup> .179, + 15"39. Bloss in A. R. bestimmt.
3192	69 72	Berlin, Romberg	Christiania A. G. C. 1722	35.74	46.5	
3193	69 72	Berlin, Romberg	Christiania A. G. C. 1724	47.69	29.1	
3194	69 72	Berlin, Romberg	Christiania A. G. C. 1726	11.73	39.5	
3195	98 201, 94 223	Pola, J. Palisa	Chandler Cat. Var. Stars 1888	23...	8'4	
3196	69 72	Berlin, Romberg	Helsingfors A. G. C. 6663	37.18	55"2	
3197	70 94	Kopenh., Schjellerup	A. N. 70 235 Mikr. Anschluss	49.65	46.4	
3198	102 301	Berlin, Leman	Paris Cat, 13666	52.81	44.6	
3199	111 175 u. 222	Berlin, Knorre	B. B. VI 2469	11.95	32.5	
3200	102 293	Königsberg, Rahts	.....	.....	.....	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHEN DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. sacc.	3. Glied			Var. annua.	Var. sacc.	3. Glied.
					+ 1800											
3201	+ 8° 2471	9.2	9.5	10	83.23	80.0	11h 5m 36s 32	1	+ 3s 1213	—0s 0058	+ 0s 0009	+ 8° 52' 7" 4	1	19" 492	—0" 099	+ 0' 17
3202	+ 5 2461	9.0	....	9	79.3	79.0	6 21.85	..	3.1025	—0.0039	0.009	+ 5 34 5.6	..	19.507	0.097	0.17
3203	» » »	»	9.2	...	74.20	70.0	21.87	2	»	»	»	7.2	2	»	»	»
3204	+ 6 2418	8.5	9	9.5	74.22	70.0	6 32.69	2	3.1042	—0.0041	0.009	+ 5 54 43.7	2	19.511	0.096	0.17
3205	+ 11 2333	7.5	8	7-8	66.30	65.0	6 47.04	2	3.1328	—0.0070	0.009	+ 11 7 41.9	2	19.516	0.097	0.17
3206	+ 74 456	6.5	....	7.0	74.88	75.0	6 57.90	5	4.1523	—0.1758	0.288	+ 74 9 4.7	5	19.520	0.130	0.42
3207	» » »	»	7.3	6.5	67.34	67.0	58.93	2	»	»	»	3.6	2	»	»	»
3208	» » »	7.3	7.6	7.4	67.34	67.0	7 0.45	2	4.1516	—0.1758	0.288	+ 74 9 4.5	2	19.521	0.130	0.42
3209	+ 3 2474	8.8	8.8	9.0	83.26	80.0	7 10.09	1	3.0907	—0.0027	0.009	+ 3 26 55.5	1	19.524	0.095	0.17
3210	+ 6 2421	8.3	....	8	79.4	79.0	8 2.13	..	3.1035	—0.0040	0.009	+ 5 56 37.8	..	19.541	0.093	0.17
3211	+ 7 2427	9.4	....	9.3	85.3	85.0	8 13.05	1	3.1120	—0.0049	0.009	+ 7 34 0.1	1	19.544	0.093	0.17
3212	+ 7 2429	9.1	....	10	85.3	85.0	8 44.92	2	3.1124	—0.0050	0.009	+ 7 43 2.0	2	19.555	0.092	0.17
3213	+ 13 2376	8.4	....	8.4	66.4	66.0	8 49.53	2	3.1408	—0.0080	0.010	+ 13 1 54.3	2	19.556	0.093	0.18
3214	+ 11 2339	8.7	8.7	9	80.08	75.0	8 50.26	4	3.1331	—0.0072	0.009	+ 11 37 37.6	4	19.557	0.093	0.17
3215	+ 8 2478	9.4	9.4	9.5	83.23	80.0	9 8.40	1	3.1160	—0.0054	0.009	+ 8 27 59.4	1	19.563	0.092	0.17
3216	» » »	»	....	...	81.3	81.0	8.69	3	»	»	»	59.3	2	»	»	»
3217	+ 8 2483	9.5	....	...	81.28	80.0	10 25.49	4	3.1130	—0.0051	0.009	+ 8 5 20.0	4	19.587	0.089	0.17
3218	+ 4 2444	9.5	9	9.5	80.21	80.0	10 36.10	1	3.0946	—0.0031	0.009	+ 4 27 38.2	1	19.590	0.088	0.17
3219	+ 7 2434	9.5	....	9.6	85.3	85.0	11 8.91	2	3.1103	—0.0048	0.009	+ 7 39 54.4	2	19.600	0.088	0.17
3220	+ 6 2428	9.1	9	9	66.73	65.0	11 37.61	2	3.1054	—0.0043	0.009	+ 6 44 59.9	2	19.609	0.087	0.17
3221	+ 9 2474	9.0	....	10.0	72.19	72.0	11 39.92	1	3.1181	—0.0057	0.010	+ 9 18 42.3	1	19.610	0.087	0.17
3222	» » »	»	....	...	71.25	71.0	40.11	3	»	»	»	38.9	3	»	»	»
3223	+ 15 2319	9.3	9.3	9.3	75.26	70.0	11 48.29	2	3.1471	—0.0090	0.010	+ 15 1 26.7	2	19.613	0.087	0.18
3224	+ 11 2343	8.5	8	8	68.34	65.0	12 20.96	2	3.1273	—0.0068	0.010	+ 11 16 46.5	2	19.622	0.086	0.17
3225	+ 15 2321	7.4	8	7-8	74.21	70.0	12 26.91	2	3.1458	—0.0089	0.010	+ 14 57 24.6	2	19.624	0.086	0.18
3226	.....	...	....	9	72.0	71.0	12 55.05	..	2.8847	+0.0170	0.014	—34 31 6.2	..	19.632	0.077	0.15
3227	+ 9 2476	9.5	....	9.5	71.25	71.0	13 3.84	1	3.1170	—0.0057	0.010	+ 9 20 22.1	1	19.635	0.084	0.17
3228	+ 57 1315	8.3	8.9	8.4	64.58	65.0	13 3.91	2	3.4956	—0.0590	0.051	+ 57 17 28.3	2	19.635	0.095	0.24
3229	+ 10 2275	9.0	9	9	66.31	65.0	13 5.22	1	3.1239	—0.0065	0.010	+ 10 45 33.2	1	19.635	0.084	0.17
3230	+ 10 2276	8.7	9	8-9	68.34	65.0	13 5.83	2	3.1232	—0.0064	0.010	+ 10 36 55.8	2	19.636	0.084	0.17
3231	+ 8 2488	9.3	....	...	81.3	81.0	13 9.29	2	3.1115	—0.0050	0.010	+ 8 14 19.9	2	19.637	0.084	0.17
3232	» » »	»	9.3	...	83.24	80.0	9.68	2	»	»	»	20.7	2	»	»	»
3233	» » »	»	9.5	...	81.3	81.0	9.85	..	»	»	»	20.4	..	»	»	»
3234	+ 7 2436	9.0	....	10	85.3	85.0	13 10.56	1	3.1082	—0.0047	0.010	+ 7 33 4.6	1	19.637	0.084	0.17
3235	+ 5 2479	9.5	9.5	9.5	74.21	70.0	13 11.69	2	3.0970	—0.0034	0.009	+ 5 13 11.8	2	19.637	0.083	0.17
3236	+ 6 2433	8.9	8.9	9.0	66.34	65.0	13 15.82	1	3.1049	—0.0043	0.009	+ 6 52 54.8	1	19.638	0.082	0.17
3237	+ 4 2449	8.0	....	8.3	80.21	80.0	13 18.17	1	3.0926	—0.0029	0.009	+ 4 18 18.7	1	19.639	0.082	0.17
3238	» » »	»	7.8	8-9	83.28	83.0	18.24	3	»	»	»	18.3	3	»	»	»
3239	» » »	»	....	8	80.3	80.0	18.30	..	»	»	»	21.8	..	»	»	»
3240	» » »	»	....	9	80.25	80.0	18.32	3	»	»	»	20.2	3	»	»	»

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3201	111 175 u. 224	Berlin, Knorre	M <sub>1</sub> 6400	36 <sup>s</sup> 43	9 <sup>o</sup> 0	
3202	98 253	Kremsmünster	M <sub>1</sub> 6414	21.99	11.0	
3203	84 233	Berlin, Knorre	.....	.....	.....	
3204	84 233, 111 289	Berlin, Knorre	Schjellerup 4070	32.53	43.7	A. N. 111 A. R. 0 <sup>s</sup> .03 kleiner.
3205	69 72	Berlin, Romberg	Paris Cat <sub>3</sub> , 13706	47.06	41.2	
3206	86 111	Hamburg, Lindstedt	Pulkowa Cat. 1875.0, 2434	57.94	6.2	Σ 1516 praec. { E. B. — 0 <sup>s</sup> .1046 + 0 <sup>o</sup> .118 Stumpe A. N. 125. E. B. — 0.1029 + 0.117 Pulk. Cat. [406. E. B. — 0.105 + 0.13 Porter Pr. M. 632.
3207	70 289, 71 175	Leipzig, Engelmann	Dorpat A. G. Z. XVIII (57)	57.98	6.0	
3208	70 289, 71 175	Leipzig, Engelmann	Pulkowa Cat. 1875.0 2435	0.21	6.2	
3209	111 175 u. 222	Berlin, Knorre	Albany A. G. C. 4222	10.10	55.3	Σ 1516 seq. Dorpat A. G. Z. Vol. XVIII p. (57) 0 <sup>s</sup> .00, 5 <sup>o</sup> .5.
3210	95 293	Kremsmünster	M <sub>1</sub> 6461	2.15	36.4	Berl. Beob. in Wolken. A. N. verbunden mit Weisse, XI 96.
3211	112 395	Cap	M <sub>2</sub> 3736	12.93	0.7	
3212	112 395	Cap	M <sub>1</sub> 6480	45.13	1.7	
3213	69 364, 78 63	Königsberg, Lorek	A. N. 122, 151 Nr. 44	49.49	50.3	
3214	110 291	Leiden, E. Bakhuyzen [u. Wilterdink	Paris Cat <sub>3</sub> 13741	50.34	37.7	
3215	111 175 u. 224	Berlin, Knorre	B. B. VI 2478	7.99	7.7	Siehe Noten.
3216	102 293	Königsberg, Rahts	.....	.....	.....	
3217	111 54	Hamburg, Schrader	Kam 1950	25.88	23.4	
3218	98 135	Pola, J. Palisa	B. D. 2444	35.6	29' 1	
3219	112 395	Cap	B. B. VI 2434	8.82	50 <sup>o</sup> 6	
3220	69 72, 67 245	Berlin, Romberg	Schjellerup 4099	37.47	58.9	
3221	81 155	Leiden, Valentiner	M <sub>2</sub> 3773	39.72	37.7	
3222	78 201	Cambr. (M), Rogers	A. N. 77, 358, Mikr. Anschl.	40.06	40.1	
3223	86 211	Berlin, Becker	B. D. 2319	48.0	2' 1	Duplex seq. bor.
3224	72 113	Berlin, Romberg	Paris Cat <sub>3</sub> 13806	20.91	48 <sup>o</sup> 5	
3225	84 233	Berlin, Knorre	Paris Cat <sub>3</sub> 13809	26.90	25.4	{ Duplex australis nach A. N. E. B. 0 <sup>s</sup> .0000 — 0 <sup>o</sup> .198 nach Paris Cat. und + 0 <sup>s</sup> .003 — 0 <sup>o</sup> .17 nach Porter Pr. M. 636.
3226	79 106	Washington	Cordoba Zonen Cat. 924	55.81	4.6	
3227	78 201	Cambr. (M) Rogers	B. D. 2476	3.2	20' 9	
3228	69 72	Berlin, Romberg	Helsingfors A. G. C. 6717	3.69	23 <sup>o</sup> 9	A. Ö. 11666-7, 3 <sup>s</sup> .72, 26 <sup>o</sup> .3; 8—9m.
3229	69 72, 67 245	Berlin, Romberg	Weisse, 192, B. Z. 154	4.92	32.8	
3230	72 113	Berlin, Romberg	Paris Cat <sub>3</sub> 13821	5.83	57.3	
3231	102 293	Königsberg, Rahts	A. N. 100, 329, Mikr. Anschl.	9.80	19.0	
3232	111 175 u. 222	Berlin, Knorre	Berl. Circ. 156	9.54	24.6	{ Siehe Noten
3233	101 263	Kremsmünster	Berl. Circ. 157	9.71	21.2	
3234	112 395	Cap	M <sub>1</sub> 6583	10.88	6.6	
3235	84 233	Berlin, Knorre	B. B. VI 2479	11.79	14.0	In B. D. ist der Buchstabe B hinzuzufügen.
3236	69 72, 67 245	Berlin, Romberg	M <sub>2</sub> 3791	15.75	51.6	
3237	98 135	Pola, J. Palisa	Albany A. G. C. 4247	18.29	19.0	
3238	106 327	Neuenburg, Hilfiker	Paris Cat <sub>3</sub> 13824	18.21	20.2	
3239	98 41	Kremsmünster	M <sub>1</sub> 6589	18.35	18.6	
3240	111 54	Hamburg, Schrader	Weisse, 201, B. Z. 159	18.45	17.1	

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
1800 +																
3241	+ 8° 2490	9.0	9.0	...	83.27	80.0	11h 13m 27.95	2	+ 3.1114	-0.0050	+0.010	+ 8° 15' 44" 7	2	19.642	-0.083	+ 0.17
3242	» »	»	8.5	9	81.3	81.0	28.06	..	»	»	»	43.3	..	»	»	»
3243	+ 48 1934	9.1	....	...	67.7	67.0	13 45.29	..	3.3766	-0.0406	0.029	+48 38 10.2	..	19.647	0.090	0.23
3244	+ 4 2450	8.8	8.8	8.9	80.3	80.0	14 12.23	1	3.0922	-0.0028	0.009	+ 4 18 18.5	1	19.655	0.081	0.17
3245	+ 59 1369	7.8	8	7.5	64.82	65.0	14 13.71	3	3.5166	-0.0641	0.058	+59 10 5.2	3	19.656	0.093	0.23
3246	+ 48 1935	9.3	....	9.0	70.18	70.0	14 22.51	3	3.3708	-0.0402	0.029	+48 28 15.6	3	19.658	0.089	0.23
3247	+ 5 2484	8.2	....	6-7	70.3	70.0	14 32.35	2	3.0979	-0.0035	0.009	+ 5 33 56..	..	19.661	0.081	0.17
3248	» »	»	....	7	66.3	66.0	32.54	3	»	»	»	58.0	3	»	»	»
3249	+ 6 2437	4.3	4	4.5	67.13	65.0	14 41.49	1	3.1032	-0.0041	0.009	+ 6 42 50.4	1	19.664	0.080	0.17
3250	+ 7 2440	7.5	....	6-7	85.3	85.0	15 1.27	2	3.1057	-0.0044	0.009	+ 7 19 10.9	2	19.669	0.080	0.17
3251	+ 8 2494	9.5	9.5	9.5	85.23	80.0	15 26.84	2	3.1097	-0.0049	0.010	+ 8 14 47.3	2	19.676	0.079	0.17
3252	+ 4 2454	8.3	7.8	8.4	83.30	83.0	16 37.03	3	3.0935	-0.0030	0.009	+ 4 49 19.9	3	19.696	0.077	0.17
3253	+ 7 2443	7.5	....	7-8	85.3	85.0	16 47.51	1	3.1042	-0.0043	0.009	+ 7 16 19.1	1	19.699	0.076	0.17
3254	+ 3 2493	9.3	....	9.0	80.21	80.0	16 47.61	1	3.0891	-0.0025	0.009	+ 3 50 43.5	1	19.699	0.076	0.17
3255	» »	»	....	9.2	80.27	80.0	47.66	2	»	»	»	44.2	2	»	»	»
3256	+ 7 2444	8.8	....	9	85.3	85.0	16 57.16	1	3.1030	-0.0042	0.009	+ 7 1 56.1	1	19.701	0.076	0.17
3257	+ 9 2486	9.5	....	9.8	71.26	71.0	17 18.51	4	3.1116	-0.0053	0.009	+ 9 2 23.4	4	19.707	0.076	0.17
3258	+ 11 2348	4.1	(4)	4.1	68.35	65.0	17 24.39	2	3.1212	-0.0065	0.010	+11 13 2.9	2	19.709	0.076	0.17
3259	+ 4 2455	8.8	....	8.7	80.24	80.0	17 26.64	2	3.0908	-0.0027	0.009	+ 4 18 29.8	2	19.709	0.075	0.17
3260	- 4 3066	9.9	....	...	70.17	70.0	17 44.40	2	3.0538	+0.0017	0.009	- 4 18 4.8	2	19.714	0.073	0.16
3261	+ 6 2445	9.5	....	9.5	85.3	85.0	17 45.62	1	3.0988	-0.0037	0.009	+ 6 10 42.1	1	19.714	0.074	0.17
3262	.....	...	....	...	70.17	70.0	17 58.29	2	3.0548	+0.0017	0.009	- 4 5 9.7	2	19.718	0.073	0.16
3263	- 3 3108	9.3	....	9.8	70.16	70.0	18 5.41	2	3.0563	+0.0015	0.009	- 3 45 43.0	2	19.720	0.073	0.16
3264	.....	...	9.0	11	70.31	70.0	18 25.20	2	3.0997	-0.0038	0.009	+ 6 29 43.2	2	19.725	0.072	0.17
3265	- 3 3111	8.9	8.3	9	86.27	86.0	18 43.73	2	3.0559	+0.0016	0.009	- 3 53 38.3	2	19.730	0.071	0.16
3266	» »	»	....	...	70.21	70.0	43.88	2	»	»	»	37.7	2	»	»	»
3267	+ 6 2450	9.2	....	9	85.3	85.0	18 56.26	2	3.1006	-0.0039	0.010	+ 6 47 44.6	2	19.733	0.072	0.17
3268	+ 9 2489	8.5	8.9	8-9	68.19	65.0	19 1.67	2	3.1125	-0.0055	0.010	+ 9 36 33.4	2	19.734	0.072	0.17
3269	+ 4 2461	7.3	7.5	6.9	83.27	83.0	19 13.75	2	3.0887	-0.0024	0.009	+ 3 59 20.8	2	19.738	0.072	0.17
3270	.....	...	....	10	85.3	85.0	19 22.00	2	3.1020	-0.0042	0.010	+ 7 11 29.1	2	19.740	0.071	0.17
3271	.....	...	....	9	72.0	71.0	19 47.51	..	2.9013	+0.0189	0.016	-36 13 1.7	..	19.746	0.065	0.14
3272	+ 9 2494	7.0	7	6-7	68.33	65.0	19 49.73	2	3.1106	-0.0053	0.010	+ 9 20 50.4	2	19.747	0.071	0.17
3273	+ 8 2505	9.0	....	9	71.27	71.0	20 2.66	3	3.1081	-0.0050	0.010	+ 8 46 52.6	3	19.750	0.070	0.17
3274	» »	»	9	9	68.34	65.0	2.78	2	»	»	»	52.1	2	»	»	»
3275	» »	»	....	9.0	77.34	77.0	2.83	2	»	»	»	52.5	3	»	»	»
3276	+ 3 2502	7.5	....	6.9	80.16	80.0	20 25.40	1	3.0871	-0.0022	0.009	+ 3 41 40.0	1	19.756	0.069	0.17
3277	.....	...	....	10	78.	71.0	20 28.03	2	2.9043	+0.0189	0.016	-36.11 48.2	2	19.757	0.064	0.14
3278	+ 57 1323	7.8	8.9	7.6	64.58	65.0	20 30.85	3	3.4288	-0.0569	0.051	+57 15 49.7	3	19.757	0.077	0.23
3279	+ 9 2497	9.0	....	8-9	71.28	71.0	20 51.82	3	3.1078	-0.0050	0.010	+ 8 53 24.5	3	19.763	0.069	0.17
3280	+ 8 2507	9.4	....	9-10	81.27	80.0	21 4.86	4	3.1053	-0.0047	0.010	+ 8 19 16.9	4	19.766	0.068	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
3241	111 175 u. 222	Berlin, Knorre	Kam 1970	27 <sup>h</sup> 91	43" 4	
3242	101 263	Kremsmünster	Weisse, 196 B. Z. 237	28.35	50.6	Siehe Noten.
3243	70 94	Kopenh., Schjellerup	B. D. 1934	45.9	37' 5	Scheinb. Aeq. 1867 Oct. 4 Red. + 0 <sup>s</sup> .177 + 14".86.
3244	100 244	Königsberg, Rahts	Albany A. G. C. 4250	12.37	14" 3	A. N. corrigirt. Siehe Noten.
3245	69 72	Berlin, Romberg	Helsingfors A. G. C. 6723	13.95	4.4	
3246	81 71	Berlin, Tietjen	Arg.-Oeltzen 11686	22.30	18.3	Bonn A. G. C. 7995, 22 <sup>s</sup> .65, 15".1; 9 <sup>m</sup> .1.
3247	76 47	Durham, Plummer	Paris Cat, 13849	32.48	57.4	Bloss in A. R. bestimmt.
3248	73 63	Königsberg, Lorek	Glasgow Cat. I, 2923	32.51	58.0	
3249	69 72	Berlin, Romberg	Pulkowa Cat. 1875.0, 2466	41.41	50.5	σ Leonis E. B. — 0 <sup>s</sup> .0071, 0".000; nach Pulk. Cat.
3250	112 395	Cap	Paris Cat., 13863	1.72	11.2	{ E. B. — 0 <sup>s</sup> .0146, 0".000 nach Paris Cat. E. B. — 0.016, 0.00 » Porter Prop Mot. 643. E. B. — 0.0170 — 0.022 » Stumpe A.N. 125, S. 406. E. B. — 0.0154 — 0.025 » Bischof Nr. 326.
3251	111 175 u. 222	Berlin, Knorre	B. B. VI 2494	27.32	44.2	
3252	106 327	Neuenburg, Hilfkier	Albany A. G. C. 4258	37.13	21.2	
3253	112 395	Cap	Paris Cat, 13901	47.54	18.3	
3254	98 135	Pola, J. Palisa	Albany A. G. C. 4259	47.70	44.5	
3255	111 54	Hamburg, Schrader	Pulkowa Cat. 1875.0, 2472	47.56	43.6	
3256	112 395	Cap	Paris Cat, 13905	57.33	53.4	
3257	78 201, 79 108	Cambr. (M.), Rogers	M, 3830	18.25	23.6	
3258	72 113	Berlin, Romberg	Pulkowa Cat. 1875.0, 2477	24.44	3.1	E. B. + 0 <sup>s</sup> .0085 — 0".063; nach Pulk. , Leonis, Σ 1536.
3259	111 54	Hamburg, Schrader	Albany A. G. C. 4262	26.65	30.3	E. B. — 0 <sup>s</sup> .009 — 0".09 nach Albany A. G. C.
3260	81 71	Berlin, Tietjen	A.N. 74 193, Mikr. Anschluss	44.45	3.5	Siehe Noten.
3261	112 395	Cap	Karlsru. Beob. Heft III, 100	45.92	41.5	
3262	81 72	Berlin, Tietjen	A.N. 74, 193 Mikr. Anschluss	58.38	7.4	
3263	81 72	Berlin, Tietjen	M, 3838	5.16	40.3	
3264	79 75	Leipzig, Engelmann	Leiden, Mikrom. Anschluss	21.7	28' 7	Siehe Noten.
3265	Publication XVIII d. A. G.	Pulkowa, Romberg	M, 6710	44.12	35" 7	Controlestern. Siehe Noten.
3266	81 72	Berlin, Tietjen	A.N. 74 193, Mikr. Anschluss	44.11	38.5	
3267	112 395	Cap	Weisse, 276 B. Z. 237	56.54	50.3	Siehe Noten.
3268	72 113	Berlin, Romberg	Paris Cat, 13956	1.58	35.3	
3269	106 327	Neuenburg, Hilfkier	Albany A. G. C. 4268	13.89	22.3	E. B. — 0 <sup>s</sup> .0035, — 0".027 nach Albany A. G. C.
3270	112 395	Cap	Leiden, Mikrom. Anschluss	20.2	11' 8	Siehe Noten.
3271	79 106	Washington	Cordoba Zonen Cat. 1385	47.76	3" 4	
3272	72 113	Berlin, Romberg	Paris Cat, 13978	49.59	51.5	
3273	78 201, 79 108	Cambr. (M.), Rogers	Weisse, 325 B. Z. 236 u. 237	2.97	57.3	
3274	72 113	Berlin, Romberg	M, 6747	2.99	54.0	
3275	94 291	Berlin, Tietjen	Cambr. (M.) Cat. of. 1213 [stars No. 494]	2.67	53.7	E. B. Albany — 0 <sup>s</sup> .0511 + 0".183 nach Albany A. G. C.
3276	98 135	Pola, J. Palisa	Albany A. G. C. 4278	25.39	40.5	» » — 0.0438 + 0.159 » Paris 13989
3277	92 366	Washington	Wash Tr. Zones 11, Nr. 7	28.17	42.6	» » — 0.049 + 0.17 » Porter Pr. Mot. 648.
3278	69 72	Berlin, Romberg	Helsingfors A. G. C. 6763	30.92	48.0	» » — 0.0514 + 0.184 » Stumpe A.N. 125, S. 406
3279	78 201, 79 108	Cambr. (M.), Rogers	Paris Cat, 13993	51.52	22.0	
3280	111 54, 102 287	Hamburg, Schrader	Weisse, 340 B. Z. 237	5.32	24.8	Siehe Noten.

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
3281	+ 8° 2508	8.8	....	9	71.28	71.0	11 <sup>h</sup> 21 <sup>m</sup> 19 <sup>s</sup> 64	3	+ 3 <sup>s</sup> 1061	-0 <sup>s</sup> 0048	+0 <sup>s</sup> 010	+ 8° 34' 6" <sup>6</sup>	3	19 <sup>"</sup> 769	-0 <sup>"</sup> 068	+ 0 <sup>"</sup> 17
3282	" "	"	....	9	81.23	80.0	19.71	4	"	"	"	8.9	4	"	"	"
3283	+ 3 2504	5.0	....	5.0	80.23	80.0	21 30.53	3	3.0861	-0.0021	0.009	+ 3 32 41.9	3	19.772	0.067	0.17
3284	" "	"	....	5.2	80.21	80.0	30.57	1	"	"	"	40.4	1	"	"	"
3285	+ 9 2502	8.5	8.9	8-9	68.28	65.0	21 58.98	2	3.1081	-0.0051	0.010	+ 9 14 11.0	2	19.779	0.066	0.17
3286	+ 7 2451	9.5	....	9.5	85.3	85.0	22 17.24	1	3.0990	-0.0039	0.009	+ 6 58 38.4	1	19.783	0.065	0.17
3287	+ 43 2121	8.0	....	8	83.23	80.0	23 15.21	2	3.2737	-0.0317	0.024	+ 43 21 1.0	2	19.797	0.068	0.20
3288	" "	"	....	9	81.9	81.0	15.26	4	"	"	"	1.2	4	"	"	"
3289	+ 3 2512	9.3	9	9.3	80.18	80.0	23 51.41	2	3.0852	-0.0020	0.009	+ 3 32 21.0	2	19.805	0.062	0.17
3290	" "	"	....	...	80.23	80.0	51.49	3	"	"	"	20.0	3	"	"	"
3291	+ 43 2123	8.8	....	9	82.31	81.0	24 7.81	2	3.2702	-0.0318	0.024	+ 43 31 43.1	2	19.809	0.066	0.20
3292	+ 1 2576	9.3	9.3	9.3	74.27	70.0	25 5.27	2	3.0764	-0.0007	0.009	+ 1 10 12.9	2	19.822	0.060	0.17
3293	+ 8 2514	8.0	....	8	71.26	71.0	25 13.00	4	3.1026	-0.0046	0.010	+ 8 33 9.3	4	19.824	0.060	0.17
3294	" "	"	....	8	70.15	70.0	13.05	2	"	"	"	11.7	2	"	"	"
3295	+ 56 1523	7.7	8	7.2	64.70	65.0	25 26.18	2	3.3790	-0.0543	0.048	+ 56 46 58.7	2	19.827	0.066	0.22
3296	+ 0 2799	9.1	9	9.2	67.13	65.0	25 31.48	2	3.0747	-0.0004	0.009	+ 0 41 48.0	2	19.828	0.059	0.17
3297	+ 6 2460	9.5	9.5	9.5	83.27	80.0	26 20.58	2	3.0937	-0.0033	0.009	+ 6 15 2.7	1	19.838	0.058	0.17
3298	+ 5 2508	9.2	9.2	10	66.31	65.0	26 28.86	1	3.0913	-0.0029	0.009	+ 5 33 44.3	1	19.840	0.057	0.17
3299	+ 10 2302	8.5	....	9	70.16	70.0	26 30.69	2	3.1068	-0.0054	0.010	+ 10 4 22.6	2	19.841	0.058	0.17
3300	+ 56 1526	8.0	....	7.9	64.85	65.0	26 39.69	3	3.3625	-0.0527	0.047	+ 56 16 24.6	3	19.842	0.063	0.22
3301	+ 4 2492	8.8	....	8.7	70.2	70.0	26 58.96	2	3.0884	-0.0025	0.009	+ 4 49 32..	..	19.847	0.056	0.17
3302	+ 8 2520	8.3	....	8-9	77.34	77.0	27 5.01	2	3.1014	-0.0045	0.010	+ 8 40 10.0	3	19.848	0.056	0.17
3303	+ 1 2581	9.3	9.3	9.3	75.33	70.0	27 28.25	2	3.0763	-0.0005	0.009	+ 1 13 39.3	2	19.852	0.055	0.17
3304	+ 6 2465	9.0	....	9	85.3	85.0	27 38.98	1	3.0941	-0.0034	0.010	+ 6 37 3.8	1	19.855	0.055	0.17
3305	+ 4 2496	9.0	....	9.0	70.2	70.0	27 56.61	1	3.0879	-0.0024	0.009	+ 4 48 44..	..	19.858	0.054	0.17
3306	+ 8 2526	9.0	....	9	81.23	80.0	28 54.06	4	3.0995	-0.0044	0.010	+ 8 34 35.3	3	19.870.	0.053	0.17
3307	" "	"	....	9	81.3	81.0	54.22	3	"	"	"	39.2	3	"	"	"
3308	+ 10 2309	9.5	....	9.5	71.24	70.0	29 2.24	1	3.1060	-0.0055	0.010	+ 10 37 8.5	1	19.871	0.053	0.17
3309	+ 11 2376	6.7	....	7-8	72.31	72.0	29 3.09	1	3.1101	-0.0062	0.010	+ 11 52 50.3	1	19.872	0.053	0.17
3310	+ 7 2461	8.7	8.7	8-9	80.17	75.0	29 6.58	4	3.0950	-0.0036	0.010	+ 7 12 51.4	4	19.872	0.052	0.17
3311	+ 6 2468	9.4	9.4	9.4	83.23	80.0	29 16.90	2	3.0916	-0.0031	0.010	+ 6 10 35.0	2	19.874	0.052	0.17
3312	+ 6 2470	7.4	7.4	7.8	80.17	75.0	30 8.60	4	3.0930	-0.0034	0.010	+ 6 48 5.2	4	19.884	0.050	0.17
3313	+ 7 2465	7.5	7.5	7	80.62	75.0	30 51.66	4	3.0929	-0.0034	0.010	+ 6 57 41.3	4	19.892	0.049	0.17
3314	- 0 2462	8.3	8.9	8.3	67.13	65.0	31 30.57	2	3.0709	+0.0006	0.009	- 0 27 33.8	2	19.899	0.047	0.17
3315	+ 9 2523	6.8	....	7	72.36	70.0	31 43.08	1	3.1000	-0.0048	0.010	+ 9 34 31.9	1	19.902	0.047	0.17
3316	+ 47 1894	6.1	6.1	6-7	74.36	74.0	31 50.2	..	3.2513	-0.0359	0.028	+ 47 31 38.4	9	19.903	0.050	0.20
3317	+ 15 2358	9.0	....	8-9	66.4	65.0	32 15.87	3	3.1165	-0.0080	0.011	+ 15 20 41.5	3	19.907	0.046	0.18
3318	" "	"	....	9	65.3	65.0	15.93	1	"	"	"	44.2	1	"	"	"
3319	+ 6 2477	8.8	....	8-9	85.3	85.0	32 35.09	1	3.0904	-0.0031	0.010	+ 6 28 41.8	1	19.911	0.045	0.17
3320	+ 11 2383	9.3	....	10.0	71.24	70.0	32 40.08	1	3.1030	-0.0055	0.010	+ 10 57 42.5	1	19.912	0.045	0.17



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3281	78 201, 79 108	Cambr. (M.), Rogers	Schjellerup 4148	19 <sup>s</sup> 79	7 <sup>m</sup> 2	E.B. } —0 <sup>s</sup> .0010 —0 <sup>m</sup> .006 nach Pulk. Cat. —0.0009 —0.002 » Albany A. G. C. Paris Cat, 14006, 30 <sup>s</sup> .48, 39 <sup>m</sup> .7; 6 <sup>m</sup> . $\tau$ Leonis.
3282	111 55, 102 287	Hamburg, Schrader	Paris Cat, 14002	19.63	7.1	
3283	111 55	Hamburg, Schrader	Pulkowa Cat. 1875.0, 2492	30.42	39.9	
3284	98 135	Pola, J. Palisa	Albany A. G. C. 4284	30.49	40.2	
3285	72 113	Berlin, Romberg	Weisse, 363 B. Z. 66	58.87	13.1	
3286	112 395	Cap	Karlsru. Beob. III. S. 100	17.31	36.5	
3287	111 175 u. 221	Berlin, Knorre	Weisse, 407, B. Z. 461	15.31	5.0	
3288	105 183, 108 185	Königsberg	Paris Cat, 14041	15.17	1.5	
3289	98 135	Pola, J. Palisa	B. D. 2512	51.0	32' 1	
3290	111 55	Hamburg, Schrader	.....	.....	.....	
3291	(108 185)	Pulkowa, Romberg	Weisse, 432, B. Z. 461	8.17	44 <sup>m</sup> 7	Bonn A. G. C. 8082, 7 <sup>s</sup> .82, 42' .8; 8 <sup>m</sup> .9. Siehe Noten.
3292	84 233	Berlin, Knorre	B. D. 2576	5.7	9' 6	
3293	78 201	Cambr. (M.) Rogers	Glasgow Cat. I 2970	13.02	9 <sup>m</sup> 9	
3294	81 72	Berlin, Tietjen	Schjellerup 4156	13.15	10.7	
3295	69 72	Berlin, Romberg	Helsingfors A. G. C. 6799	25.94	53.7	
3296	69 72	Berlin, Romberg	B. B. VI 2799	31.51	45.7	
3297	111 175 u. 224	Berlin, Knorre	B. D. 2460	21.2	15' 9	
3298	69 72, 67 245	Berlin, Romberg	M, 6894	28.83	44 <sup>m</sup> 7	
3299	81 72	Berlin, Tietjen	Weisse, 434 B. Z. 66	30.70	21.5	
3300	69 72	Berlin, Romberg	Helsingfors A. G. C. 6808	39.76	22.9	
3301	76 47	Durham, Plummer	Albany A. G. C. 4303	59.13	28.5	Bloss in A. R. scharf bestimmt.
3302	94 291	Berlin, Tietjen	Paris Cat, 14119	4.91	13.7	
3303	86 211	Berlin, Becker	B. D. 2581	27.8	13' 2	
3304	112 395	Cap	Weisse, 453 B. Z. 236-7	39.15	6 <sup>m</sup> 1	
3305	76 47	Durham, Plummer	Albany A. G. C. 4306	56.55	42.2	
3306	111 55	Hamburg, Schrader	Weisse, 479, B. Z. 66	54.22	40.3	
3307	102 293	Königsberg, Rahts	Brüssel 4766	54.00	38.8	
3308	81 72	Berlin, Tietjen	B. D. 2309	0.7	36' 7	
3309	81 155	Leiden, Valentiner	Rümker 3645	3.02	51 <sup>m</sup> 5	
3310	110 291	Leiden, E. Bakhuyzen [u. Wilterdink]	Paris Cat, 14159	6.63	51.5	
3311	111 175 u. 224	Berlin, Knorre	B. B. VI 2468	16.91	40.2	Siehe Noten.
3312	110 291	Leiden, E. Bakhuyzen	Schjellerup 4196-7	8.80	7.3	
3313	110 291	Leiden, E. Bakhuyzen [Stieltjes u. Wilterdink]	Paris Cat, 14189	51.83	40.3	
3314	69 72	Berlin, Romberg	Göttingen Cat. I 3702-3	30.56	34.2	
3315	81 72	Berlin, Tietjen	Schjellerup 4201	43.21	32.1	
3316	86 317	Leiden, Valentiner	Arg.-Oeltzen 11935	50.46	38.4	
3317	78 64	Königsberg, Lorek	Paris Cat, 14215	15.92	35.0	
3318	69 363	Königsberg, Lorek	Weisse, 604 B. Z. 457	16.05	38.6	
3319	112 395	Cap	Paris Cat, 14220	34.99	42.7	
3320	81 72	Berlin, Tietjen	M, 3994	39.67	43.6	

(Bloss in  $\gamma$  scharf bestimmt.  
Bonn A. G. C. 8131, 50<sup>s</sup>.41, 37<sup>m</sup>.6; 6<sup>m</sup> 2.  
E.B. —0<sup>s</sup>.0041 —0<sup>m</sup>.020 nach Bonn.  
Siehe Noten.  
Diese Bestimmung wahrscheinlich schon in der vorigen  
[Nummer in begriffen.]

NUM- MER.	NUMMER der nördl. u. südl. Bonner- Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
3321	+ 11°2384	8.8	....	9.5	72.23	70.0	11 <sup>h</sup> 33 <sup>m</sup> 8 <sup>s</sup> 65	1	+ 3 <sup>s</sup> 1027	-0 <sup>s</sup> 0055	+0 <sup>s</sup> 010	+11° 1' 12"8	1	19 <sup>h</sup> 917	-0"044	+0"17
3322	- 5 3325	8.8	....	9	65.14	65.0	33 19.19	1	3.0562	+0.0034	0.010	- 5 54 41.9	1	19.919	0.043	0.17
3323	+ 5 2523	8.5	....	8	69.4	70.0	33 20.26	3	3.0874	-0.0026	0.010	+ 5 34 20.7	3	19.919	0.044	0.17
3324	+ 10 2318	9.3	....	9.3	72.22	70.0	33 20.78	1	3.1008	-0.0052	0.010	+10 24 50.7	1	19.919	0.044	0.17
3325	» »	»	9.2	...	86.24	86.0	20.81	2	»	»	»	50.0	2	»	»	»
3326	+ 5 2524	9.3	9.3	9.7	74.27	70.0	33 53.31	2	3.0857	-0.0022	0.010	+ 5 4 11.8	2	19.924	0.043	0.17
3327	+ 10 2322	9.2	....	9	72.28	70.0	33 56.78	1	3.1011	-0.0053	0.010	+10 47 22.8	1	19.925	0.043	0.17
3328	- 0 2471	9.0	....	9.0	66.4	65.0	34 20.33	1	3.0701	+0.0009	0.010	- 0 49 49.8	1	19.929	0.042	0.17
3329	+ 9 2532	9.3	....	9.3	72.23	70.0	34 54.84	1	3.0975	-0.0047	0.010	+ 9 47 59.2	1	19.934	0.041	0.17
3330	+ 9 2534	8.6	....	8	72.22	70.0	35 2.84	1	3.0971	-0.0047	0.010	+ 9 42 26.4	1	19.935	0.041	0.17
3331	.....	....	....	6.1	72.0	71.0	35 11.12	..	2.9403	+0.0254	0.021	-42 24 9.1	..	19.937	0.038	0.15
3332	+ 5 2528	8.5	8.5	7-8	82.28	82.0	35 12.98	1	3.0856	-0.0023	0.010	+ 5 17 0.0	1	19.937	0.041	0.17
3333	- 5 3333	8.7	....	8.7	65.14	65.0	35 24.73	1	3.0572	+0.0036	0.010	- 5 59 22.9	1	19.939	0.039	0.17
3334	+ 5 2530	7.7	7.7	7	83.23	80.0	35 43.61	1	3.0857	-0.0023	0.010	+ 5 26 24.4	1	19.942	0.039	0.17
3335	+ 0 2823	9.3	....	9.5	68.3	68.0	35 57.96	1	3.0740	+0.0002	0.010	+ 0 43 40.0	1	19.944	0.038	0.17
3336	+ 6 2485	8.7	....	9	85.3	85.0	36 1.80	2	3.0874	-0.0027	0.010	+ 6 11 56.1	2	19.945	0.038	0.17
3337	+ 9 2536	8.8	....	9	72.23	70.0	36 12.96	2	3.0952	-0.0044	0.010	+ 9 24 33.6	2	19.946	0.038	0.17
3338	+ 11 2391	8.5	8.9	8-9	74.21	70.0	36 53.73	2	3.0987	-0.0054	0.010	+11 7 0.7	2	19.952	0.037	0.17
3339	+ 0 2826	7.7	....	8.5	68.3	68.0	36 55.76	..	3.0743	+0.0001	0.010	+ 0 52 45.	..	19.953	0.037	0.17
3340	» »	»	8.9	7-8	74.27	70.0	55.79	2	»	»	»	45.3	2	»	»	»
3341	» »	»	....	8.2	68.3	68.0	56.14	2	»	»	»	49.4	2	»	»	»
3342	+ 10 2330	9.5	....	9.5	71.24	70.0	37 5.61	2	3.0973	-0.0051	0.010	+10 37 33.6	2	19.954	0.037	0.17
3343	+ 8 2537	9.0	....	9	81.22	80.0	37 15.13	4	3.0917	-0.0038	0.010	+ 8 22 5.9	4	19.955	0.036	0.17
3344	+ 11 2394	8.5	8	7-8	74.21	70.0	37 32.98	2	3.0986	-0.0054	0.010	+11 22 45.8	2	19.958	0.037	0.17
3345	+ 4 2519	9.3	9.2	10.0	68.18	68.0	37 34.84	2	3.0832	-0.0019	0.010	+ 4 48 20.6	2	19.958	0.035	0.17
3346	+ 1 2605	9.3	....	9.3	68.3	68.0	37 42.27	2	3.0748	0.0000	0.010	+ 1 8 51.8	2	19.960	0.035	0.17
3347	+ 5 2535	9.0	9.0	9.1	83.24	80.0	37 50.14	2	3.0835	-0.0020	0.010	+ 4 58 22.9	2	19.961	0.035	0.17
3348	+ 6 2490	8.9	....	10.0	85.3	85.0	37 53.72	2	3.0861	-0.0026	0.010	+ 6 7 41.9	2	19.961	0.035	0.17
3349	- 3 3169	8.2	8	8	75.34	80.0	38 18.62	2	3.0638	-0.0026	0.010	- 3 48 57.1	2	19.964	0.034	0.17
3350	- 1 2563	8.9	....	8.9	65.3	65.0	38 28.55	1	3.0693	+0.0014	0.010	- 1 20 36.2	1	19.966	0.033	0.17
3351	- 1 2563	8.9	....	9	66.4	65.0	38 28.68	3	3.0693	+0.0014	0.010	- 1 20 37.1	3	19.966	0.033	0.17
3352	+ 14 2429	9.3	....	9-10	66.4	65.0	38 39.33	2	3.1049	-0.0073	0.011	+14 41 52.7	2	19.967	0.034	0.17
3353	» »	»	9.0	...	86.24	86.0	39.49	2	»	»	»	54.5	2	»	»	»
3354	» »	»	....	...	65.3	65.0	39.51	1	»	»	»	50.6	1	»	»	»
3355	+ 15 2374	7.4	....	5.0	65.3	65.0	38 44.41	2	3.1053	-0.0074	0.011	+14 57 29.6	2	19.968	0.033	0.17
3356	+ 8 2540	8.5	....	8	81.21	80.0	39 31.53	4	3.0900	-0.0037	0.010	+ 8 27 51.0	4	19.974	0.032	0.17
3357	+ 7 2480	7.5	8.1	7	73.23	73.0	39 40.49	2	3.0886	-0.0034	0.010	+ 7 52 11.6	2	19.975	0.031	0.17
3358	+ 11 2397	9.3	....	9.3	72.28	70.0	39 47.03	1	3.0950	-0.0051	0.010	+10 56 10.5	1	19.976	0.031	0.17
3359	+ 14 2434	8.3	....	8-9	66.4	65.0	39 56.51	3	3.1032	-0.0073	0.011	+14 49 6.2	3	19.977	0.031	0.17
3360	» »	»	....	9	65.3	65.0	56.55	1	»	»	»	9.6	1	»	»	»

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3321	81 72	Berlin, Tietjen	Schjellerup 4210-1	8 <sup>m</sup> 61	13 <sup>m</sup> 5	B. B. VI S. 329, 19 <sup>m</sup> .17, 45 <sup>m</sup> .1; 9 <sup>m</sup> .0.  A. N. A. R. um + 4 <sup>s</sup> corrigirt, cf. Publ. XVIII der A. G. Controlestern.
3322	69 72	Berlin, Romberg	Paris Cat, 14237	19.09	45.8	
3323	76 53	Königsberg, Lorek	Paris Cat, 14238	20.30	22.8	
3324	81 72	Berlin, Tietjen	B. D. 2318	19.7	24.2	
3325	Publication XVIII d. A.G.	Pulkowa, Romberg	.....	.....	.....	
3326	84 233	Berlin, Knorre	M, 4013	53.14	9.8	
3327	81 72	Berlin, Tietjen	Schjellerup 4213	56.78	23.5	
3328	78 64	Königsberg, Lorek	Göttingen Cat. I 3718-9	20.07	49.8	
3329	81 72	Berlin, Tietjen	B. B. VI 2532	54.89	0.6	
3330	81 72	Berlin, Tietjen	M, 7078	2.77	24.3	
3331	79 107	Washington	Cordoba G. C. 15983	11.44	10.2	E. B. nach Greenw. — 0 <sup>s</sup> .025 + 0 <sup>m</sup> .01. Duplex med. in B. B. VI. Königsberg giebt keine Dupli- [citāt an.]
3332	102 301, 111 223	Berlin, Leman	Paris Cat, 14275	12.89	1.3	
3333	69 72	Berlin, Romberg	Pulkowa Cat. 1875.0 2553	24.38	25.6	
3334	111 175 u. 223	Berlin, Knorre	Greenwich 9 Year Cat. 1083	43.77	22.2	
3335	74 247	Königsberg, Lorek	B. B. VI 2823	58.55	37.5	
3336	112 395	Cap	Schjellerup 4223	1.87	56.2	
3337	81 72	Berlin	Schjellerup 4227	13.15	35.4	
3338	84 233	Berlin, Knorre	Paris Cat, 14310	53.76	2.2	
3339	72 61	Durham, Plummer	Schjellerup 4231	56.01	45.9	
3340	84 233	Berlin, Knorre	Paris Cat, 14311	55.82	46.6	
3341	74 247	Königsberg, Lorek	Albany A. G. C. 4341	55.84	45.8	A. N. 102 A. R. 0 <sup>s</sup> .17 grösser.
3342	81 72, 77 377	Berlin, Tietjen	B. D. 2330	4.6	37' 3	
3343	111 55, 102 287	Hamburg, Schrader	M, 7129	15.36	7 <sup>m</sup> 5	
3344	84 233	Berlin, Knorre	Paris Cat, 14325	32.89	46.6	
3345	71 176, 72 277, 85 305	Leipzig, Engelmann	M, 4054	34.26	22.8	
3346	74 247	Königsberg, Lorek	B. D. 2605	43.5	7.9	
3347	111 175 u. 223	Berlin, Knorre	Albany A. G. C. 4342	50.17	22.3	
3348	112 395	Cap	M, 4061	53.51	41.2	
3349	88 23	Berlin, Becker	Glasgow Cat. I 3023	18.55	56.4	
3350	69 363	Königsberg, Lorek	Göttingen Cat. I 3733-4	28.30	40.6	
3351	78 64	Königsberg, Lorek	Weisse, 651 B. Z. 75	28.27	44.4	Lal.-Bossert 1380, 28 <sup>s</sup> .01, 33 <sup>m</sup> .3; 9 <sup>m</sup> . Siehe Noten. A. N. 78 3 um— 1' corrigirt, cf. Publ. XVIII der A. G. Controlestern. Siehe Noten.
3352	78 64	Königsberg, Lorek	Weisse, 655 B. Z. 73	39.69	52.1	
3353	Publication XVIII d. A.G.	Pulkowa, Romberg	.....	.....	.....	
3354	69 363	Königsberg, Lorek	.....	.....	.....	
3355	69 363	Königsberg, Lorek	Yarnall 5012	44.43	26.5	
3356	111 55, 102 287	Hamburg, Schrader	Glasgow Cat. I 3029	31.56	50.8	
3357	84 179	Leipzig, Engelmann	Glasgow Cat. I 3030	40.50	10.4	
3358	81 72	Berlin, Tietjen	B. D. 2397	53.0	54' 6	
3359	78 64	Königsberg, Lorek	Paris Cat, 14388	56.30	5 <sup>m</sup> 3	
3360	69 363	Königsberg, Lorek	Weisse, 677 B. Z. 73	56.51	59.3	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied			Var. annua.	Var. saec.	3. Glied.
3361	.....	...	....	5.4	77.32	75.0	11 <sup>h</sup> 40 <sup>m</sup> 33 <sup>s</sup> 44	3	+ 28 9778	+ 08 0241	+ 08 019	—39° 49' 11" 5	3	19 982	—0' 028	+ 0' 15
3362	+ 10° 2335	9.3	9.2	10.0	72.24	72.0	40 49.82	2	3.0925	—0.0047	0.010	+10 15 45.7	2	19.984	0.029	0.17
3363	+ 11 2399	8.6	....	8-9	72.28	70.0	40 53.85	1	3.0942	—0.0051	0.010	+11 9 8.5	1	19.985	0.029	0.17
3364	» »	»	....	9	72.34	72.0	53.87	2	»	»	»	9.0	2	»	»	»
3365	+ 40 2467	7.8	....	8	81.9	81.0	40 56.31	3	3.1675	—0.0263	0.020	+40 37 20.5	3	19.985	0.030	0.18
3366	+ 3 2553	9.0	....	9.1	70.18	70.0	41 3.02	2	3.0792	—0.0011	0.010	+ 3 36 6.1	2	19.986	0.029	0.17
3367	+ 10 2336	9.5	....	9.3	71.24	70.0	41 3.24	1	3.0924	—0.0047	0.010	+10 22 4.7	1	19.986	0.028	0.17
3368	+ 6 2504	8.8	....	8	77.34	77.0	41 12.23	2	3.0849	—0.0026	0.010	+ 6 35 3.9	2	19.987	0.028	0.17
3369	+ 0 2839	9.0	....	9	68.3	68.0	41 22.63	3	3.0729	+0.0006	0.010	+ 0 21 48.8	3	19.988	0.028	0.17
3370	+ 56 1547	8.1	8.0	8.3	82.28	65.0	41 55.49	1	3.2298	—0.0483	0.045	+56 14 0 9	1	19.992	0.029	0.20
3371	— 13 3450	8.9	9	8-9	82.28	82.0	42 23.60	1	3.0483	+0.0077	0.011	—13 7 55.0	1	19.995	0.026	0.16
3372	+ 5 2543	9.4	....	10	69.4	70.0	42 35.17	4	3.0811	—0.0017	0.010	+ 4 57 37.2	4	19.996	0.026	0.17
3373	+ 0 2843	6.5	....	6-7	68.3	68.0	42 39.05	..	3.0729	+0.0007	0.010	+ 0 22 30..	..	19.997	0.028	0.17
3374	+ 10 2340	9.2	9	10.0	71.24	70.0	43 5.29	1	3.0898	—0.0054	0.010	+10 7 31.8	1	20.000	0.025	0.17
3375	— 1 2572	9.0	....	9.0	72.23	65.0	43 12.63	1	3.0687	+0.0020	0.010	— 2 3 4.1	1	20.000	0.024	0.17
3376	+ 9 2551	9.0	....	9	72.23	70.0	43 13.14	2	3.0881	—0.0039	0.010	+ 9 12 54.6	2	20.000	0.024	0.17
3377	.....	...	11.3	...	68.16	68.0	43 21.62	1	3.0807	—0.0016	0.010	+ 4 59 19.6	1	20.002	0.024	0.17
3378	+ 8 2544	8.6	....	8.5	70.32	70.0	43 26.74	2	3.0862	—0.0034	0.010	+ 8 12 8.0	2	20.002	0.024	0.17
3379	+ 3 2562	9.1	....	9	70.18	70.0	43 51.02	2	3.0779	—0.0008	0.010	+ 3 27 19.1	2	20.004	0.023	0.17
3380	+ 10 2343	8.5	8.4	...	86.24	86.0	44 15.25	2	3.0888	—0.0044	0.010	+10 12 37.8	2	20.007	0.022	0.17
3381	» »	»	....	9	71.24	70.0	15.27	1	»	»	»	37.2	1	»	»	»
3382	+ 5 2548	9.5	9.4	10	68.25	68.0	44 21.56	2	3.0801	—0.0016	0.010	+ 4 55 27.1	2	20.007	0.022	0.17
3383	» »	»	9.3	10.0	68.20	68.0	21.42	1	»	»	»	29.0	1	»	»	»
3384	» »	»	9.4	...	68.25	69.0	21.33	2	»	»	»	26.9	2	»	»	»
3385	— 12 3508	7.1	7.8	6-7	80.32	80.0	44 40.64	2	3.0522	+0.0076	0.011	—12 37 40.6	2	20.009	0.021	0.16
3386	» »	»	....	7-8	80.28	80.0	40.64	3	»	»	»	42.9	3	»	»	»
3387	+ 5 2552	9.5	9.5	10.0	68.16	68.0	45 2.70	1	3.0797	—0.0015	0.010	+ 4 54 46.5	1	20.011	0.021	0.17
3388	+ 1 2621	9.0	9.4	9.0	67.13	65.0	45 51.26	1	3.0736	+0.0006	0.010	+ 0 56 32.2	1	20.016	0.019	0.17
3389	— 13 3458	7.7	8.0	8	83.25	80.0	46 6.40	1	3.0529	+0.0081	0.011	—13 26 0.7	1	20 017	0.018	0.16
3390	— 13 3459	9.3	9.5	...	83.25	80.0	46 7.20	2	3.0527	+0.0082	0.011	—13 33 34.1	2	20.017	0.018	0.16
3391	.....	...	....	...	71.24	70.0	46 46.13	1	3.0856	—0.0040	0.010	+ 9 47 26.5	1	20.021	0.017	0.17
3392	+ 9 2556	8.5	8.5	10	71.3	71.0	47 15.53	1	3.0844	—0.0037	0.010	+ 9 16 3.4	1	20.023	0.016	0.17
3393	» »	»	....	8-9	71.22	70.0	15.58	1	»	»	»	2.7	1	»	»	»
3394	— 19 3362	8.6	....	8-9	73.23	70.0	47 16.76	2	3.0458	+0.0116	0.011	—19 39 29.9	2	20.023	0.016	0.16
3395	— 13 3466	9.1	8.9	9.1	83.23	80.0	47 32.66	1	3.0546	+0.0084	0.011	—13 41 11.8	1	20.025	0.016	0.16
3396	.....	...	...	9.5	72.27	70.0	48 3.30	2	3.0860	—0.0047	0.010	+11 10 43.7	2	20.027	0.015	0.17
3397	+ 6 2524	8.8	...	9	70.3	70.0	48 25.11	..	3.0799	—0.0022	0.010	+ 6 29 42.4	..	20.029	0.014	0.17
3398	— 0 2510	8.0	...	8.0	68.3	68.0	48 26.79	..	3.0714	+0.0016	0.010	— 0 44 50..	..	20.030	0 013	0.17
3399	» »	»	8	8.0	80.30	80.0	26.87	3	»	»	»	44.2	3	»	»	»
3400	+ 9 2560	5.5	6.0	7	71.3	71.0	48 38.22	1	3.0829	—0.0036	0.010	+ 9 8 20.7	1	20.030	0.014	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3361	92 371	Pola, J. Palisa	Cordoba G. C. 16103	33 <sup>s</sup> 18	9" 7	Epoche der Cord. Beob. 1880.11 E. B. Siehe Noten.
3362	81 365	Leipzig, Engelmann	M <sub>2</sub> 4095	49.25	44.7	M <sub>1</sub> 7213, 49 <sup>s</sup> .86, 49" 3; 9 <sup>m</sup> .
3363	81 72	Berlin, Tietjen	Paris Cat, 14409	53.83	9.1	
3364	82 14	Neuenburg, Becker	Schjellerup 4253	53.85	10.6	
3365	105 183, 108 185	Königsberg	Weisse, 782-3, B.Z. 459 u. 465	56.07	24.7	Bonn A. G. C. 8193, 56 <sup>s</sup> .25, 22" 1; 8 <sup>m</sup> .1.
3366	81 72	Berlin, Tietjen	Albany A. G. C. 4354	3.11	6.3	
3367	81 72	Berlin, Tietjen	M <sub>2</sub> 4098	2.88	9.4	M <sub>1</sub> 7218, 3 <sup>s</sup> .23, 6" 9; 9 <sup>m</sup> .
3368	94 289	Berlin, Tietjen	M <sub>1</sub> 7222	12.37	6.1	
3369	74 247	Königsberg, Lorek	M <sub>1</sub> 7224	22.71	47.7	Harvard Zones 101 u 102 Nr. 134, 22 <sup>s</sup> .76, 45" 7; 10 <sup>m</sup> .
3370	69 72	Berlin, Romberg	Helsingfors A. G. C. 6913	55.20	58.0	[Weisse, 703, B. 75, 22 <sup>s</sup> .74, 43" 3; 9 <sup>m</sup> . Siehe Noten.
3371	102 301	Berlin, Leman	Küstner 392	23.43	55.5	
3372	76 53	Königsberg, Lorek	M <sub>1</sub> 7240	35.05	33.9	M <sub>2</sub> 4114, 34 <sup>s</sup> .70, 36" 7; 10 <sup>m</sup> .5.
3373	72 61	Durham, Plummer	Paris Cat, 14433	38.78	32.6	{ Bloss in A. R. scharf bestimmt. E. B. — 0 <sup>s</sup> .0144 — 0" 046 [n. Stumpe, A. N. 125. S. 405.
3374	81 72, 105 197	Berlin, Tietjen	M <sub>2</sub> 4117	5.25	31.6	A. N. 105 A. R. 0 <sup>s</sup> .02 kleiner.
3375	69 72	Berlin, Romberg	Göttingen Cat. I 3737-8	12.48	5.5	
3376	81 72	Berlin, Tietjen	Schjellerup 4267	13.28	54.9	
3377	71 176	Leipzig, Engelmann	.....	.....	.....	Zu streichen; Planet Clotho beobachtet. Siehe Noten.
3378	81 72	Berlin, Tietjen	Schjellerup 4271	26.77	7.3	
3379	81 72, 105 197	Berlin, Tietjen	M <sub>1</sub> 7267	51.07	16.4	
3380	Publicat. XVIII der A. G.	Pulkowa, Romberg	A. N. 78, 233, Mikr. Anshl.	15.50	38.2	Controlestern. Siehe Noten.
3381	81 72, 105 197	Berlin, Tietjen	M <sub>1</sub> 7277	15.30	39.3	A. N. δ um — 1' corrigirt, cf. Publ. XVIII. Siehe Noten.
3382	71 176, 72 277	Leipzig, Engelmann	M <sub>1</sub> 7279	21.31	26.4	A. N. 72. A. R. 0 <sup>s</sup> .06 kleiner, Decl. 0" 7 nördlicher.
3383	71 176	Leipzig, Engelmann	M <sub>2</sub> 4128	21.38	30.7	A. N. um — 1 <sup>m</sup> und — 1' corrigirt. Siehe Noten.
3384	78 367	Leipzig, Engelmann	.....	.....	.....	A. N. Epoche 1869.0 statt 1868.0. Siehe Noten.
3385	98 241	Berlin, Küstner	Paris Cat, 14464	40.61	42.2	
3386	111 55, 101 201	Hamburg, Schrader	Santini, 1398	40.64	40.7	
3387	71 176	Leipzig, Engelmann	M <sub>2</sub> 4136	1.91	50.1	M <sub>1</sub> 7291, 2 <sup>s</sup> .46, 43" 6; 10 <sup>m</sup> .
3388	69 72	Berlin, Romberg	Albany A. G. C. 4364	51.25	31.9	
3389	111 175 u. 223	Berlin, Knorre	Paris Cat, 14490	6.66	2.2	{ Zeigt E. B. siehe A. N. 111, 176. Radcliffe Cat. 1890.0, 3081, 6 <sup>s</sup> .11, 0" 0; 8 <sup>m</sup> . Ep. 1892.63.
3390	111 175 u. 223	Berlin, Knorre	B. D. 3459	7.2	33' 9	
3391	81 72	Berlin, Tietjen	.....	.....	.....	Zu streichen; Planet Amalthea beobachtet. S. Noten.
3392	77 239	Helsingfors	M <sub>1</sub> 7332	15.68	3" 5	A. N. Epoche soll 1871.0 statt 1870.0 sein. Siehe Noten
3393	78 107, 81 72	Berlin, Tietjen	Paris Cat, 14507	15.72	2.3	
3394	84 243	Berlin, Tietjen	Arg.-Weiss 9534	16.79	31.3	
3395	111 175 u. 223	Berlin, Knorre	B. D. 3466	33.0	41' 1	
3396	81 72	Berlin, Tietjen	Leiden, Mikrom. Anschluss	1.3	10.0	Siehe Noten. [0.000 — 0.15 nach Porter Pr. M. 680.
3397	76 59	Leipzig, Engelmann	Paris Cat, 14533	25.18	40" 8	A. N. + 10 <sup>m</sup> corr. S. Noten. E. B. 0.000 — 0.191 nach Paris;
3398	72 61	Durham, Plummer	M <sub>2</sub> 4167	26.98	44.1	Bloss in A. R. scharf bestimmt.
3399	98 241, 101 201 u. 204	Berlin, Küstner	Göttingen Cat. I 3749-50	26.78	40.9	{ E. B. + 0 010 — 0.34 n. Porter Pr. M. 681; + 0.0071 — 0.302 n. Bischof Nr. 332; + 0.0071 — 0.305 n. Stumpe, A. N. 125, S. 405.
3400	77 239	Helsingfors	Santini, 814	38.50	20.2	A. N. Epoche 1871.0 statt 1870.0. Siehe Noten.

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
3401	+ 9° 2560	5.5	....	6	71.23	70.0	11 <sup>h</sup> 48 <sup>m</sup> 38 <sup>s</sup> 27	1	+ 3.0829	- 0.0036	+ 0.010	+ 9° 8' 22" 1	1	20.030	- 0.016	+ 0.17
3402	+ 13 2471	9.5	....	9.5	70.11	70.0	48 56.16	..	3.0881	- 0.0062	0.011	+ 13 47 34.0	..	20.031	0.013	0.17
3403	+ 15 2395	8.4	....	9	70.19	70.0	48 57.03	2	3.0905	- 0.0073	0.011	+ 15 48 22.5	2	20.031	0.013	0.17
3404	» »	»	....	...	69.3	70.0	57.09	3	»	»	»	22.4	3	»	»	»
3405	+ 3 2572	8.9	....	9.0	70.2	70.0	49 1.92	1	3.0756	- 0.0003	0.010	+ 2 58 45..	..	20.031	0.013	0.17
3406	+ 9 2562	9.0	....	8	71.24	70.0	49 2.52	1	3.0833	- 0.0039	0.010	+ 9 49 34.1	1	20.031	0.013	0.17
3407	- 4 3162	7.0	....	7-8	73.70	75.0	49 2.80	4	3.0673	+ 0.0036	0.010	- 4 26 21.1	3	20.031	0.011	0.17
3408	» »	»	8.4	7.2	73.73	73.0	2.84	2	»	»	»	17.8	2	»	»	»
3409	» »	»	....	8	71.24	70.0	2.84	3	»	»	»	19.5	3	»	»	»
3410	+ 6 2524	8.7	....	9	71.60	70.0	49 4.00	3	3.0795	- 0.0022	0.010	+ 6 30 55.6	3	20.031	0.013	0.17
3411	+ 11 2411	8.8	....	9.0	72.33	72.0	49 16.61	2	3.0845	- 0.0046	0.010	+ 11 3 0.5	2	20.032	0.012	0.17
3412	- 1 2591	9.5	....	9.5	?	68.0	50 3.16	1	3.0709	+ 0.0020	0.010	- 1 21 29.2	1	20.035	0.011	0.17
3413	+ 8 2550	9.0	....	9	70.30	70.0	50 6.80	2	3.0803	- 0.0029	0.010	+ 7 59 42.2	2	20.035	0.011	0.17
3414	+ 11 2413	8.4	8.4	8	73.75	73.0	50 28.57	2	3.0833	- 0.0046	0.010	+ 11 13 23.8	2	20.037	0.010	0.17
3415	- 3 3209	10	9.1	10	73.29	73.0	50 37.47	1	3.0684	+ 0.0035	0.010	- 4 3 54.4	1	20.037	0.010	0.17
3416	- 3 3210	6.8	7.8	6.7	73.29	73.0	50 37.76	1	3.0683	+ 0.0035	0.010	- 4 5 13.0	1	20.037	0.010	0.17
3417	» »	»	....	6-7	74.25	75.0	37.81	5	»	»	»	14.8	3	»	»	»
3418	.....	...	....	6.4	77.32	75.0	50 42.97	3	3.0376	+ 0.0201	0.015	- 32 37 11.6	3	20.038	0.009	0.16
3419	+ 15 2400	9.5	9.4	9.5	70.26	70.0	50 57.62	2	3.0871	- 0.0071	0.011	+ 15 43 19.3	2	20.039	0.009	0.17
3420	- 6 3484	9.8	....	...	67.31	67.0	51 21.79	2	3.0667	+ 0.0047	0.010	- 6 15 2.0	2	20.040	0.008	0.17
3421	- 7 3322	6.6	6	6.8	65.23	65.0	51 22.77	2	3.0653	+ 0.0055	0.010	- 7 51 12.8	2	20.040	0.008	0.17
3422	+ 9 2565	8.0	....	7-8	71.24	70.0	51 24.48	2	3.0808	- 0.0037	0.010	+ 9 41 5.9	2	20.040	0.008	0.17
3423	.....	...	....	7½	73.29	55.0	51 44.18	4	3.0477	+ 0.0164	0.013	- 26 59 20.0	4	20.041	0.007	0.17
3424	.....	...	....	7	68.32	55.0	44.65	3	»	»	»	17.3	3	»	»	»
3425	+ 1 2633	7.3	....	7.7	67.4	67.0	51 49.10	..	3.0736	+ 0.0006	0.010	+ 1 34 0.2	..	20.041	0.007	0.17
3426	- 6 3486	9.1	....	9.1	67.22	67.0	51 49.20	2	3.0668	- 0.0048	0.010	- 6 32 56.4	2	20.041	0.008	0.17
3427	+ 5 2562	9.0	9.3	9.0	83.2	82.0	51 55.16	3	3.0766	- 0.0013	0.010	+ 5 16 7.8	3	20.042	0.007	0.17
3428	» »	»	....	9.2	85.3	85.0	55.27	2	»	»	»	9.0	2	»	»	»
3429	+ 5 2563	8.3	8.9	...	68.36	65.0	52 6.07	2	3.0764	- 0.0012	0.010	+ 5 2 16.1	2	20.042	0.007	0.17
3430	» »	»	....	9	85.3	85.0	6.11	1	»	»	»	16.8	1	»	»	»
3431	» »	»	....	8.5	68.3	68.0	6.19	..	»	»	»	19.3	..	»	»	»
3432	+ 8 2553	9.3	9.0	9.3	70.32	71.0	52 15.36	1	3.0793	- 0.0032	0.010	+ 8 49 47.5	1	20.043	0.006	0.17
3433	» »	»	....	...	71.22	70.0	15.43	2	»	»	»	46.3	2	»	»	»
3434	» »	»	9.4	...	72.25	72.0	15.54	2	»	»	»	47.8	2	»	»	»
3435	+ 16 2333	8.7	....	8-9	69.3	70.0	52 30.39	3	3.0847	- 0.0071	0.011	+ 15 57 42.3	3	20.043	0.006	0.17
3436	- 3 3216	8.8	....	10	73.71	75.0	52 38.24	2	3.0692	+ 0.0036	0.010	- 4 4 30.6	2	20.044	0.006	0.17
3437	+ 1 2636	6.8	....	6.2	77.34	76.0	52 39.67	2	3.0732	+ 0.0008	0.010	+ 1 13 31.4	2	20.044	0.006	0.17
3438	+ 6 2534	9.1	....	9	72.23	70.0	52 42.35	2	3.0772	- 0.0020	0.010	+ 6 42 29.6	2	20.044	0.006	0.17
3439	+ 8 2555	9.2	....	9	71.21	70.0	52 43.53	2	3.0784	- 0.0029	0.010	+ 8 16 44.2	2	20.044	0.006	0.17
3440	- 1 2600	7.7	....	7.7	70.18	70.0	53 10.29	2	3.0714	+ 0.0021	0.010	- 1 13 19.4	2	20.045	0.005	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3401	81 72, 78 107	Berlin, Tietjen	Glasgow Cat. I 3061	38.37	18.7	6 A <sup>2</sup> Virginis A. N. 81. Declin. + 1' corrigirt.
3402	98 253	Kremsmünster	Küstner 395	55.67	29.8	
3403	81 72	Berlin, Tietjen	Weisse, 927 B.Z. 360	56.58	22.0	
3404	76 53	Königsberg, Lorek	.....	.....	.....	Bloss in A. R. scharf bestimmt.
3405	76 47	Durham Plummer	Albany A. G. C. 4375	1.99	47.4	
3406	81 72	Berlin, Tietjen	M <sub>1</sub> 7370	2.68	31.9	
3407	86 111	Hamburg, Pechüle	Paris Cat, 14550	2.96	19.0	Paris Cat, 14552, 3 <sup>s</sup> .94, 0 <sup>u</sup> .0; 9 <sup>m</sup> .
3408	84 179	Leipzig, Engelmann	Cordoba G. C. 16266	2.98	18.6	
3409	84 243	Berlin, Tietjen	Glasgow Cat. I 3064	2.94	18.9	
3410	81 72, 76 75	Berlin, Tietjen	Schjellerup 4299-0	3.98	55.4	Epoche in A. N. 1868.0 statt 1870.0 Siehe Noten
3411	81 155	Leiden, Valentiner	Yarnall 5082	16.86	1.1	
3412	81 72	Berlin, Tietjen	B. B. VI 2591	2.88	32.6	
3413	76 317	Leiden, Valentiner	Schjellerup 4303	6.83	42.6	A.N.Epoche der Declin. Beob. 74.21. E. B. — 0 <sup>s</sup> .0109, 0 <sup>u</sup> .0000 [nach Paris.
3414	84 179	Leipzig, Engelmann	Paris Cat, 14582	28.69	23.2	
3415	84 179	Leipzig, Engelmann	B. D. 3209	37.9	4.0	
3416	84 179	Leipzig, Engelmann	Cordoba G. C. 16306	37.85	13.7	In B. D. ist der Buchstabe B hinzuzufügen.
3417	86 111	Hamburg, Pechüle	Paris Cat, 14585	37.72	15.1	
3418	92 371	Pola, J. Palisa	Cordoba G. C. 16309	43.22	10.1	
3419	79 75	Leipzig, Engelmann	B. B. VI 2400	57.19	21.2	E. B. { — 0 <sup>s</sup> .0855 — 0 <sup>u</sup> .532 Stumpe A. N. 125. S. 406. — 0.077 — 0.61 cf. A.N. 107, 339. Lacaille 4955. — 0.074 — 0.70 Porter Prop. Mot. 682. — 0.0819 — 0.535 Bischof N. 333
3420	78 293	Leiden, Kam u. van [Hennekeler]	B. D. 3484	22.0	15.1	
3421	69 72	Berlin, Romberg	Cordoba G. C. 16328	22.60	11.6	
3422	81 72	Berlin, Tietjen	Paris Cat, 14603	24.54	6.9	In B. D. ist der Buchstabe B hinzuzufügen.
3423	107 369	Bonn, Argelander	Cordoba G. C. 16337	43.86	24.0	
3424	107 369	Bonn, Tiele	Cape Cat. 1880, 6666	43.84	24.4	
3425	70 104	Wien	Albany A. G. C. 4385	49.04	59.5	A. N. Epoche der Declin. Beob. 73.86.
3426	73 293	Leiden, Kam u. van [Hennekeler]	Pulkowa Obs. Vol. VIII p. [338, 790]	49.22	58.0	
3427	110 196	Albany, Tucker	Küstner 396	55.20	8.1	
3428	112 395	Cap	B. B. VI 2562	55.26	7.1	E. B. — 0 <sup>s</sup> .0042 — 0 <sup>u</sup> .162 nach Glasg. Cat. II 78.
3429	72 113	Berlin, Romberg	Kam 2160	6.22	19.8	
3430	112 395	Cap	M <sub>1</sub> 7435	6.21	19.2	
3431	71 46	Berlin	Albany A. G. C. 4387	6.05	16.3	A. N. Epoche der Declin. Beob. 73.86.
3432	79 76	Leipzig, Engelmann	B. D. 2553	12.8	50.2	
3433	81 72	Berlin, Tietjen	.....	.....	.....	
3434	81 365	Leipzig, Engelmann	.....	.....	.....	A. N. Epoche der Declin. Beob. 73.86.
3435	76 53	Königsberg, Lorek	Paris Cat, 14624	30.31	42.4	
3436	86 111	Hamburg, Pechüle	Paris Cat, 14626	38.15	26.0	
3437	94 309	Berlin, Tietjen	Albany A. G. C. 4389	39.68	32.3	E. B. — 0 <sup>s</sup> .0042 — 0 <sup>u</sup> .162 nach Glasg. Cat. II 78.
3438	81 72	Berlin, Tietjen	Paris Cat, 14630	42.27	31.2	
3439	81 72	Berlin, Tietjen	Paris Cat, 14631	43.47	44.0	
3440	81 72	Berlin, Tietjen	Göttingen Cat. I 3757-8	10.30	19.0	



NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmusterung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
1800 +																
3441	+ 9°2571	9.0	....	9	71.3	71.0	11 <sup>h</sup> 53 <sup>m</sup> 15 <sup>s</sup> 55	..	+ 3 <sup>s</sup> 0787	-0 <sup>s</sup> 0034	+0 <sup>s</sup> 010	+ 9°20' 14" 1	..	20" 046	-0" 005	+ 0" 17
3442	" "	"	....	9	71.23	70.0	15.58	1	"	"	"	12.5	1	"	"	"
3443	" "	"	....	9	71.3	71.0	15.64	..	"	"	"	13.0	..	"	"	"
3444	- 6 3491	9.5	....	9.5	67.33	67.0	53 22.29	2	3.0678	+0.0049	0.010	- 6 30 44.1	2	20.046	0.004	0.17
3445	+ 29 2243	9.1	....	9	73.30	70.0	53 24.67	1	3.0938	-0.0154	0.015	+29 15 54.6	1	20.046	0.004	0.17
3446	- 1 2602	9.5	....	9.5	70.18	70.0	53 30.02	1	3.0711	+0.0024	0.010	- 1 45 32.7	1	20.046	0.004	0.17
3447	+ 5 2568	8.8	....	8.8	85.3	85.0	53 51.16	2	3.0756	-0.0012	0.010	+ 5 19 44.9	2	20.047	0.003	0.17
3448	+ 6 2536	8.5	....	8	70.36	70.0	53 52.68	1	3.0760	-0.0016	0.010	+ 6 3 43.2	1	20.047	0.003	0.17
3449	+ 0 2865	8.7	....	9	66.30	65.0	54 0.67	2	3.0722	+0.0016	0.010	+ 0 0 13.8	2	20.047	0.003	0.17
3450	+ 8 2557	9.2	....	9	71.23	70.0	54 0.98	3	3.0775	-0.0030	0.010	+ 8 38 25.8	3	20.047	0.003	0.17
3451	- 3 3218	8.6	....	9	74.29	75.0	54 4.34	3	3.0699	+0.0036	0.010	- 3 50 53.8	1	20.048	0.003	0.17
3452	- 4 3181	8.7	....	9-10	74.19	75.0	54 14.43	1	3.0696	+0.0039	0.010	- 4 25 25.4	1	20.048	0.003	0.17
3453	- 0 2521	8.8	8.8	8.8	80.32	80.0	54 39.83	2	3.0718	+0.0021	0.010	- 0 53 36.5	2	20.049	0.002	0.17
3454	+ 6 2537	9.5	....	9-10	72.22	70.0	54 41.28	1	3.0759	-0.0020	0.010	+ 6 48 21.0	1	20.049	0.002	0.17
3455	.....	....	....	11½	75.20	75.0	54 46.67	1	3.0734	+0.0004	0.010	+ 2 13 3.0	1	20.049	0.002	0.17
3456	+ 11 2420	8.5	8.9	...	73.74	73.0	55 7.97	2	3.0778	-0.0042	0.010	+11 2 55.2	2	20.050	0.001	0.17
3457	" "	"	....	9	72.26	70.0	8.04	2	"	"	"	53.3	2	"	"	"
3458	" "	"	9	9	72.3	72.0	8.21	2	"	"	"	54.8	2	"	"	"
3459	+ 7 2506	9.3	....	9.3	70.3	70.0	55 8.76	..	3.0757	-0.0021	0.010	+ 6 58 32.8	..	20.050	0.001	0.17
3460	" "	"	....	...	70.32	70.0	8.85	1	"	"	"	32.4	1	"	"	"
3461	+ 6 2539	9.3	....	9.3	70.3	70.0	55 23.07	..	3.0755	-0.0019	0.010	+ 6 47 54.8	..	20.050	-0.001	0.17
3462	" "	"	....	...	70.33	70.0	23.32	1	"	"	"	55.4	1	"	"	"
3463	- 7 3335	9.5	....	9.5	67.31	67.0	55 33.01	2	3.0690	+0.0054	0.010	- 7 13 36.1	2	20.050	0.000	0.17
3464	- 1 2610	9.0	....	8.5	?	70.0	55 33.90	1	3.0715	+0.0024	0.010	- 1 32 27.8	1	20.050	0.000	0.17
3465	+ 5 2573	9.5	10.5	9.5	83.3	82.0	55 50.80	3	3.0743	-0.0009	0.010	+ 4 58 11.3	3	20.051	0.000	0.17
3466	" "	"	....	...	85.3	85.0	50.85	2	"	"	"	13.9	2	"	"	"
3467	+ 10 2369	9.2	....	9.0	72.23	70.0	55 56.06	1	3.0768	-0.0041	0.010	+10 51 25.3	1	20.051	+0.001	0.17
3468	+ 2 2506	9.5	....	10	74.31	74.0	56 1.04	3	3.0731	+0.0006	0.010	+ 2 1 41.1	3	20.051	0.001	0.17
3469	+ 5 2574	9.1	....	8.8	85.3	85.0	56 1.43	1	3.0742	-0.0009	0.010	+ 4 54 59.3	1	20.051	0.001	0.17
3470	+ 8 2561	9.5	8.8	9.0	70.32	71.0	56 3.55	1	3.0756	-0.0028	0.010	+ 8 25 16.2	1	20.051	0.001	0.17
3471	" "	"	9.3	...	72.24	72.0	3.63	2	"	"	"	16.0	2	"	"	"
3472	+ 0 2883	8.3	8.9	8.4	75.20	70.0	56 6.64	2	3.0726	+0.0013	0.010	+ 0 44 16.2	2	20.051	0.001	0.17
3373	+ 8 2562	8.2	....	8-9	71.23	70.0	56 10.83	1	3.0757	-0.0029	0.010	+ 8 45 59.7	1	20.051	0.001	0.17
3474	+ 2 2507	9.3	9.3	9.3	75.25	75.0	56 11.72	3	3.0731	+0.0005	0.010	+ 2 19 4.4	3	20.051	0.001	0.17
3475	+ 8 2563	8.7	....	9	71.21	70.0	56 21.61	1	3.0754	-0.0028	0.010	+ 8 31 11.0	1	20.052	0.001	0.17
3476	+ 15 2405	8.6	8.8	9	70.26	70.0	56 24.32	3	3.0781	-0.0066	0.011	+15 28 35.5	3	20.052	0.002	0.17
3477	.....	....	10.0	...	83.23	80.0	56 27.13	2	3.0880	-0.0212	0.018	+37 13 56.1	2	20.052	0.002	0.17
3478	- 0 2524	9.0	....	9.0	71.33	71.0	56 27.28	7	3.0720	+0.0021	0.010	- 0 45 17.1	7	20.052	0.002	0.17
3479	+ 4 2562	8.8	....	8.9	85.3	85.0	56 29.50	1	3.0739	-0.0008	0.010	+ 4 50 35.0	1	20.052	0.002	0.17
3480	- 4 3189	8.7	....	9-10	74.28	75.0	56 34.97	3	3.0707	+0.0041	0.010	- 4 34 12.1	3	20.052	0.002	0.17



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
3441	78 225	Berlin, Tietjen	M <sub>1</sub> 7468	15 <sup>s</sup> 88	16" 2	A. N. Verbunden mit Schjellerup u. Weisse.
3442	81 72	Berlin, Tietjen	Schjellerup 4324	15.34	15.7	
3443	77 235, 78 107	Berlin, Tietjen	Weisse, 896, B. Z. 66	15.72	12.4	Vermuthlich dieselbe Bestimmung wie Nr. 3443.
3444	78 291	Leiden, Kam u. van [Hennekeler]	Pulkowa Obs. Vol. VIII [p. 338, 792]	22.26	42.9	
3445	84 244	Berlin, Tietjen	Weisse, 1024, B. Z. 356	24.45	49.1	
3446	81 72	Berlin, Tietjen	B. D. 2602	28.3	44' 7	
3447	112 395	Cap	Küstner 398	51.11	43" 4	Siehe Noten.
3448	81 72	Berlin, Tietjen	M <sub>1</sub> 7476	53.27	54.6	Siehe Noten.
3449	69 72	Berlin, Romberg	M <sub>1</sub> 7478	0.63	14.2	
3450	81 72	Berlin, Tietjen	Paris Cat, 14661	0.98	24.2	
3451	86 113	Hamburg, Pechüle	M <sub>1</sub> 7481	4.65	45.0	A. N. Epoche der Declin. Beob. 74.25. Siehe Noten.
3452	86 113	Hamburg, Pechüle	Paris Cat, 14666	14.44	27.6	
3453	98 241	Berlin, Küstner	Göttingen Cat. I 3761-2	39.87	36.7	
3454	81 72, 76 127	Berlin, Tietjen	Paris Cat, 14676	41.55	20.2	
3455	89 23, 107 109	Leiden, E. Bakhuyzen	Markree Cat. Vol. II p. 184	54. .	12' 9	
3456	84 179	Leipzig, Engelmann	A. N. 79 199, 80 136 Mikr. [Anschluss]	8.05	54" 5	
3457	81 72	Berlin, Tietjen	Weisse, 932, B. Z. 154	7.87	56.5	
3458	79 221	Leipzig, Engelmann	M <sub>1</sub> 7512	8.24	56.8	A. N. + 2 <sup>m</sup> corrigirt cf. Publ. XVIII der A. G.
3459	76 75 u. 127	Berlin	B. B. VI 2506	8.58	34.2	
3460	81 72	Berlin, Tietjen	.....	.....	.....	
3461	76 75, 76 127	Berlin	B. D. 2539	23.3	47' 8	Wahrscheinlich wohl dieselbe Bestimmung als die [folgende Nummer.
3462	81 72	Berlin, Tietjen	.....	.....	.....	
3463	78 293	Leiden, Kam u. van [Hennekeler]	Pulkowa Obs. Vol. VIII, [p. 338, 794]	32.83	34" 6	
3464	81 72	Berlin, Tietjen	Göttingen Cat. I 3765-6	33.83	28.6	Sehr hell, Bemerkung in Göttingen Cat.
3465	110 197	Albany, Tucker	B. D. 2573	50.5	57' 5	
3466	112 395	Cap	.....	.....	.....	
3467	81 72	Berlin, Tietjen	M <sub>2</sub> 4233	56.27	23" 2	
3468	86 316, 107 109	Leiden, E. Bakh. u. [Valentiner]	M <sub>1</sub> 7522	1.28	43.6	
3469	112 395	Cap	Albany A. G. C. 4402	1.44	59.0	
3470	79 76	Leipzig, Engelmann	M <sub>2</sub> 4234	3.61	13.8	
3471	81 365	Leipzig, Engelmann	A. N. 77 220, 78 213 Mikr. [Anschluss]	4.07	17.5	
3472	86 211	Berlin, Becker	Albany A. G. C. 4404	6.60	16.4	
3473	81 72	Berlin, Tietjen	Paris Cat, 14704	10.87	0.5	
3474	89 23, 107 109	Leiden, E. Bakh. u. [Haga]	B. D. 2507	10.5	20' 2	
3475	81 72, 77 235	Berlin, Tietjen	M <sub>1</sub> 7533	21.70	9" 3	
3476	79 75	Leipzig, Engelmann	Paris Cat, 14709	24.32	33.2	
3477	111 175	Berlin, Knorre	Leiden genäherte Mer. Beob.	26.5	13' 9	Siehe Noten.
3478	78 201	Cambr. (M.), Rogers	Göttingen Cat. I 3767-8	27.26	17" 0	
3479	111 395	Cap	Albany A. G. C. 4405	29.57	33.4	
3480	86 113	Hamburg, Pechüle	Paris Cat, 14714	35.03	13.7	

NUM- MER.	NUMMER	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
	der nördl. u. südl. Bonner Durchmus- terung.	NACH	Quelle.	DER	1875.0	1875.0			DECLIN.	1875.0						
											B. D.			A. N.	Beob.	Pos.
					1800 +											
3481	+ 9° 2577	9.3	9.3	10.0	71.4	71.0	11 <sup>h</sup> 56 <sup>m</sup> 56 <sup>s</sup> 29	1	+ 3.0751	-0.0030	+0.010	+ 9° 0' 22".4	1	20.052	-0.003	+ 0"
3482	- 1 2613	8.0	....	8.0	70.18	70.0	57 7.90	2	3.0717	+0.0026	0.010	- 1 45 2.2	2	20.053	0.003	0.17
3483	- 4 3192	7.2	....	7.0	73.85	75.0	57 11.77	3	3.0709	+0.0042	0.010	- 4 47 0.6	2	20.053	0.003	0.17
3484	+ 6 2543	7.2	....	6.8	71.29	70.0	57 21.60	2	3.0739	-0.0015	0.010	+ 6 15 24.0	2	20.053	0.003	0.17
3485	" "	"	....	7	70.4	70.0	21.66	..	"	"	"	23.7	..	"	"	"
3486	+ 10 2373	8.5	....	8	65.3	65.0	57 43.03	3	3.0747	-0.0037	0.010	+ 10 23 43.7	3	20.053	0.004	0.17
3487	+ 7 2510	9.1	....	9	71.22	70.0	57 44.18	2	3.0741	-0.0024	0.010	+ 7 52 47.7	2	20.053	0.004	0.17
3488	+ 2 2509	7.7	7.8	8.3	75.23	70.0	57 49.79	2	3.0727	+0.0007	0.010	+ 2 9 31.7	2	20.053	0.004	0.17
3489	- 0 2529	9.1	....	9	71.34	71.0	58 10.37	2	3.0721	+0.0021	0.010	- 0 36 36.1	2	20.054	0.005	0.17
3490	+ 1 2647	9.0	9	8.9	74.30	70.0	58 15.35	2	3.0725	+0.0010	0.010	+ 1 27 19.7	2	20.054	0.005	0.17
3491	+ 0 2887	9.4	....	9.4	77.34	76.0	58 16.59	1	3.0723	+0.0016	0.010	+ 0 25 2.9	1	20.054	0.005	0.17
3492	- 15 3409	8.8	....	8.9	67.13	65.0	58 16.94	1	3.0694	+0.0103	0.011	- 16 0 53.5	1	20.054	0.005	0.17
3493	- 10 3396	8.8	....	8.8	81.3	81.0	58 19.17	4	3.0705	+0.0073	0.010	- 10 25 44.3	4	20.054	0.005	0.17
3494	- 0 2531	8.6	....	8.6	69.4	70.0	58 22.65	3	3.0722	+0.0020	0.010	- 0 27 54.8	3	20.054	0.002	0.17
3495	+ 0 2888	9.5	9.5	9.5	74.19	70.0	58 24.63	2	3.0723	+0.0016	0.010	+ 0 28 13.2	2	20.054	0.005	0.17
3496	+ 9 2583	4.2	....	4.2	65.3	65.0	58 50.54	3	3.0734	-0.0031	0.010	+ 9 25 39.0	3	20.054	0.006	0.17
3497	- 5 3416	6.7	....	6.7	74.19	75.0	59 10.92	2	3.0718	+0.0045	0.010	- 5 8 59.2	2	20.054	0.007	0.17
3498	+ 3 2596	9.4	9.4	9.5	83.27	80.0	59 15.16	2	3.0725	+0.0001	0.010	+ 3 24 23.4	2	20.054	0.007	0.17
3499	- 4 3203	8.5	....	9	73.73	75.0	59 18.32	4	3.0719	+0.0045	0.010	- 4 59 34.3	3	20.054	0.007	0.17
3500	+ 4 2572	9.5	9.5	9.5	83.3	82.0	59 20.07	3	3.0726	-0.0006	0.010	+ 4 47 23.7	3	20.054	0.007	0.17
3501	" "	"	....	...	85.3	85.0	20.26	2	"	"	"	27.7	2	"	"	"
3502	- 5 3420	8.8	....	9	70.36	70.0	59 26.80	2	3.0719	+0.0049	0.010	- 5 50 38.5	2	20.054	0.007	0.17
3503	+ 11 2428	9.5	....	10	72.33	72.0	59 46.68	2	3.0725	-0.0039	0.010	+ 10 56 11.9	2	20.054	0.008	0.17
3504	+ 1 2650	9.5	9.5	9.5	75.24	70.0	12 0 3.45	2	3.0722	+0.0011	0.010	+ 1 31 49.2	2	20.054	0.009	0.17
3505	- 10 3400	9.1	....	9.1	81.3	81.0	0 6.80	2	3.0724	+0.0077	0.010	- 10 57 27.3	2	20.054	0.009	0.17
3506	- 10 3401	9.4	....	9.4	81.3	81.0	0 8.75	2	3.0724	+0.0077	0.010	- 10 56 24.9	2	20.054	0.009	0.17
3507	+ 75 467	8.6	9	8.6	64.73	65.0	0 17.23	1	3.0659	-0.1125	0.222	+ 75 22 5.6	1	20.054	0.009	0.17
3508	+ 37 2249	8.9	8.9	9.0	82.31	81.0	0 18.09	2	3.0709	-0.0210	0.018	+ 37 28 50.1	2	20.054	0.009	0.17
3509	+ 1 2652	8.5	9	8.7	75.27	70.0	0 18.98	2	3.0722	+0.0014	0.010	+ 0 58 15.2	2	20.054	0.009	0.17
3510	+ 10 2380	9.5	....	...	72.23	70.0	0 27.26	3	3.0717	-0.0037	0.010	+ 10 35 16.0	3	20.054	0.009	0.17
3511	" "	"	....	...	72.3	72.0	27.30	..	"	"	"	17.5	..	"	"	"
3512	+ 6 2550	9.3	....	9.3	70.4	70.0	0 30.80	..	3.0719	-0.0017	0.010	+ 6 51 57.5	..	20.054	0.010	0.17
3513	+ 8 2571	9.3	9.0	10	71.32	71.0	0 32.29	1	3.0718	-0.0023	0.010	+ 8 2 29.1	1	20.054	0.009	0.17
3514	" "	"	9.2	...	72.24	72.0	32.56	2	"	"	"	29.2	2	"	"	"
3515	" "	"	....	...	71.20	70.0	32.58	3	"	"	"	26.8	3	"	"	"
3516	- 2 3464	9.5	....	...	70.18	70.0	0 43.44	2	3.0724	+0.0031	0.010	- 2 13 27.8	2	20.054	0.010	0.17
3517	+ 0 2894	7.6	....	7.4	?	74.0	0 47.86	..	3.0722	+0.0019	0.010	+ 0 3 55.7	..	20.054	0.010	0.17
3518	+ 11 2429	8.1	8.1	9	80.32	80.0	0 52.71	5	3.0712	-0.0040	0.010	+ 11 13 47.9	5	20.054	0.010	0.17
3519	+ 3 2598	9.0	9.0	9.1	83.23	80.0	1 17.65	1	3.0718	+0.0003	0.010	+ 3 11 56.0	1	20.054	0.012	0.17
3520	+ 0 2897	8.8	8.8	10	74.29	74.0	1 43.74	2	3.0722	+0.0018	0.010	+ 0 17 49.3	2	20.054	0.012	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3481	77 239	Helsingfors	M <sub>2</sub> 4243	56 <sup>s</sup> 35	21 <sup>m</sup> 7	A. N. Epoche soll 1871.0 statt 1870.0 sein. Siehe Noten.  E.B.—0 <sup>s</sup> .0105—0 <sup>m</sup> .102 Pulk. identisch mit Arg. 250 Sterne. » —0.0121—0.099 nach Stumpe A. N. 125, 406. A.N. 76, 75 $\delta$ um + 1 <sup>o</sup> corrigirt, cf. Publ. XVIII der A. G.
3482	81 72	Berlin, Tietjen	Göttingen Cat. I 3771-2	8.02	3.4	
3483	86 113	Hamburg, Pechüle	Cordoba G. C. 16459	11.88	58.9	
3484	81 72	Berlin, Tietjen	Pulkowa Cat. 1875.0, 2622	21.60	23.4	
3485	76 75 u. 127	Berlin	Santini, 823	21.86	25.1	
3486	69 363	Königsberg, Lorek	Paris Cat, 14735	42.83	42.9	
3487	81 72	Berlin, Tietjen	M <sub>1</sub> 7560	44.42	47.4	
3488	86 211, 105 381	Berlin, Becker	Albany A. G. C. 4410	49.73	31.8	
3489	78 202	Cambr. (M.), Rogers	M <sub>1</sub> 7571	10.00	32.8	
3490	84 233	Berlin, Knorre	Albany A. G. C. 4415	15.41	19.3	
3491	94 309	Berlin, Tietjen	B. B. VI 2887	16.32	58.3	Harvard Zones 103 u. 105 Nr. 118, 16 <sup>s</sup> .35, 54 <sup>m</sup> .6; 11 <sup>m</sup> . [In B. B. VI lese man statt Nr. 2897, 2887.  In B. B. VI lese man statt Nr. 2898, 2888. E.B. { —0 <sup>s</sup> .0159 + 0 <sup>m</sup> .049, $\delta$ Virginis, nach Pulk. { —0.016 + 0.05 Porter Pr. Mot. 688. { —0.0159 + 0.052 Stumpe A. N. 125, 407.  Im Pariser Cat, 14768 genäherte A. R. $\delta$ 32 <sup>m</sup> .7, beob. 1858.3. Epoche der Declin. Beob. in A. N. 1874,32.
3492	69 72	Berlin, Romberg	Arg.-Weiss 9656	17.01	52.4	
3493	102 294	Königsberg, Rahts	Pulk. Obs. Vol VIII p. 388, 797	19.49	43.7	
3494	76 53	Königsberg, Lorek	Göttingen Cat. I 3773-4	22.73	51.2	
3495	84 233	Berlin, Knorre	B. B. VI 2888	24.57	12.2	
3496	69 363	Königsberg, Lorek	Pulkowa Cat. 1875.0, 2636	50.48	38.2	
3497	86 113	Hamburg, Pechüle	Cordoba G. C. 16504	10.95	0.8	
3498	111 175 u. 223	Berlin, Knorre	B. B. VI 2596	14.90	22.1	
3499	86 113	Hamburg, Pechüle	Lalande 22709	18.35	28.0	
3500	110 197	Albany, Tucker	Karlsruhe Beob. Heft III S. 100	20.29	25.8	
3501	112 395	Cap	.....	.....	.....	Yarnall 5149, 17 <sup>s</sup> .55, 1 <sup>m</sup> .3; 8 <sup>m</sup> .4.  Siehe Noten.  Siehe Noten.  Siehe Noten.
3502	76 317	Leiden, Becker	Paris Cat, 14772	26.78	39.5	
3503	81 155	Leiden, Valentiner	A N. 79, 199 Mikr. Anschluss	46.78	12.2	
3504	86 213	Berlin, Becker	B. B. VI 2650	3.50	50.5	
3505	102 294	Königsberg, Rahts	B. D. 3400	7.7	57.2	
3506	102 294	Königsberg, Rahts	B. D. 3401	9.2	56.8	
3507	69 72	Berlin, Romberg	Kasan A. G. Z. Vol II p. 7 u. 13	16.99	2 <sup>m</sup> 5	
3508	108 185	Pulkowa, Romberg	Lund A. G. Z. 2 u. 4	18.04	50.2	
3509	86 213	Berlin, Becker	Albany A. G. C. 4424	18.94	15.5	
3510	81 72	Berlin, Tietjen	Leiden genäherte Mer. Beob.	27.3	35.3	
3511	79 159	Berlin	.....	.....	.....	Siehe Noten.  Siehe Noten.  Siehe Noten.
3512	76 127	Paris	B. D. 2550	28.0	51.6	
3513	79 76	Leipzig, Engelmann	M <sub>2</sub> 4277	32.33	26 <sup>m</sup> 8	
3514	81 365	Leipzig, Engelmann	.....	.....	.....	
3515	81 72	Berlin, Tietjen	.....	.....	.....	
3516	81 72	Berlin, Tietjen	B. D. 3464	42.3	13.7	
3517	85 293	Moskau	Yarnall 5151	47.54	56 <sup>m</sup> 7	
3518	98 241 u. 253	Berlin, Küstner	Göttingen II 3081	52.89	49.8	
3519	111 175 u. 223	Berlin, Knorre	Albany A. G. C. 4429	17.70	57.7	
3520	86 316, 107, 108	Leiden, E. Bakhuyzen	M <sub>1</sub> 7651	44.12	51.8	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmusterung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
3521	+ 0°2897	8.8	....	9	74.21	70.0	12 <sup>h</sup> 1 <sup>m</sup> 43 <sup>s</sup> 81	2	+ 3.0722	+0.0018	+0.010	+0°. 17' 48" 9	2	20.054	+0.012	+ 0.17
3522	» »	»	....	9	81.3	81.0	44.01	2	»	»	»	49.7	2	»	»	»
3523	+ 4 2576	8.7	....	8.6	85.3	85.0	1 54.29	1	3.0714	-0.0003	0.010	+ 4 21 16.2	1	20.054	0.012	0.17
3524	+ 4 2577	9.2	....	9.5	85.3	85.0	2 3.37	2	3.0713	-0.0004	0.010	+ 4 35 15.5	2	20.054	0.013	0.17
3525	+ 0 2899	9.2	....	10	74.33	74.0	2 3.82	3	3.0721	+0.0016	0.010	+ 0 42 28.8	3	20.053	0.012	0.17
3526	» »	»	9.2	...	74.29	70.0	3.93	2	»	»	»	26.6	2	»	»	»
3527	.....	...	11-12	...	72.25	72.0	2 44.69	2	3.0711	-0.0001	0.010	+ 4 13 52.8	3	20.053	0.014	0.17
3528	+ 75 469	6.7	6.7	6.5	65.22	65.0	3 41.45	1	2.9899	-0.1061	0.212	+75 21 25.3	1	20.052	0.016	0.16
3529	+ 19 2536	9.1	....	9.1	81.3	81.0	3 43.41	3	3.0645	-0.0085	0.012	+19 40 27.5	2	20.052	0.016	0.17
3530	+ 19 2537	8.9	....	8.9	81.3	81.0	3 51.18	3	3.0642	-0.0085	0.012	+19 39 49.3	3	20.051	0.016	0.17
3531	+ 5 2593	8.5	....	8.0	72.21	70.0	3 56.19	1	3.0700	-0.0009	0.010	+ 5 41 26.3	1	20.051	0.016	0.17
3532	- 6 3518	6.4	7.8	7.7	64.87	65.0	4 2.55	2	3.0752	+0.0058	0.010	- 7 4 43.8	2	20.051	0.016	0.17
3533	+ 0 2906	9.0	....	9	74.30	74.0	4 27.22	3	3.0721	+0.0020	0.010	+ 0 15 4.1	3	20.050	0.017	0.17
3534	» »	»	9	9-10	74.28	70.0	27.24	1	»	»	»	3.3	1	»	»	»
3535	» »	»	....	...	81.3	81.0	27.43	2	»	»	»	2.6	2	»	»	»
3536	+ 9 2596	7.8	....	8	65.4	65.0	4 38.95	3	3.0677	-0.0028	0.010	+ 9 24 46.4	3	20.050	0.018	0.17
3537	- 5 3442	8.2	....	8.6	70.36	70.0	4 43.72	2	3.0750	+0.0052	0.010	- 5 51 23.1	2	20.050	0.018	0.17
3538	+ 9 2597	8.6	....	8	65.4	65.0	4 55.76	3	3.0675	-0.0027	0.010	+ 9 17 47.7	3	20.050	0.018	0.17
3539	- 1 2632	6.8	....	...	70.20	70.0	4 57.44	3	3.0733	+0.0032	0.010	- 2 0 2.5	3	20.049	0.018	0.17
3540	+ 4 2583	7.3	....	7.3	81.3	81.0	5 16.61	3	3.0697	-0.0003	0.010	+ 4 45 4.9	3	20.049	0.020	0.17
3541	- 1 2633	9.2	9.3	9.2	69.23	69.0	5 41.28	1	3.0729	+0.0028	0.010	- 1 8 32.1	1	20.048	0.020	0.17
3542	+ 10 2389	9.0	....	10	72.23	70.0	5 44.05	1	3.0662	-0.0031	0.010	+10 15 11.4	1	20.048	0.020	0.17
3543	» »	»	9.0	9	72.23	72.0	44.17	2	»	»	»	12.5	2	»	»	»
3544	- 10 3419	9.1	9.0	9-10	83.26	80.0	5 44.89	3	3.0787	+0.0080	0.010	-10 51 50.6	3	20.048	0.020	0.17
3545	- 10 3420	8.0	8	8	81.35	81.0	5 59.40	3	3.0790	+0.0080	0.010	-10 57 50.5	3	20.047	0.020	0.17
3546	+ 4 2585	8.0	....	8	85.3	85.0	6 6.77	1	3.0697	+0.0001	0.010	+ 4 5 57.2	1	20.047	0.021	0.17
3547	» »	»	....	8.1	81.4	81.0	6.99	3	»	»	»	56.9	3	»	»	»
3548	- 2 3481	7.3	....	...	79.24	78.0	6 9.78	2	3.0738	+0.0035	0.010	- 2 24 12.8	2	20.047	0.021	0.17
3549	+ 10 2391	8.1	8.6	8	73.25	73.0	6 32.82	2	3.0650	-0.0034	0.010	+10 44 46.1	2	20.046	0.021	0.17
3550	- 0 2545	9.5	....	9.5	74.26	74.0	6 33.41	1	3.0724	+0.0024	0.010	- 0 13 44.2	1	20.046	0.023	0.17
3551	+ 10 2392	7.7	8.3	7-8	73.75	73.0	7 6.48	2	3.0644	-0.0033	0.010	+10 44 49.6	2	20.044	0.022	0.17
3552	- 7 3367	8.5	....	9	70.3	70.0	7 11.54	2	3.0778	+0.0063	0.010	- 7 36 33..	2	20.044	0.021	0.17
3553	+ 3 2616	7.0	....	7.5	72.25	70.0	7 32.69	2	3.0700	+0.0008	0.010	+ 2 57 17.1	2	20.043	0.023	0.17
3554	- 0 2551	9.2	....	10	71.39	71.0	7 45.80	1	3.0730	+0.0028	0.010	- 0 53 54.3	1	20.043	0.024	0.17
3555	- 0 2553	9.3	....	9	81.3	81.0	8 11.49	3	3.0725	+0.0025	0.010	- 0 17 56.8	3	20.041	0.025	0.17
3556	+ 20 2698	8.7	....	8.8	81.3	81.0	8 33.10	2	3.0542	-0.0083	0.012	+19 56 6.7	2	20.040	0.025	0.17
3557	+ 15 2432	9.0	....	...	70.25	70.0	8 39.67	2	3.0588	-0.0055	0.011	+14 57 36.2	2	20.040	0.025	0.17
3558	» »	»	8.8	9	70.26	70.0	39.84	3	»	»	»	36.7	3	»	»	»
3559	+ 9 2609	9.1	9.2	9.1	80.35	80.0	9 2.21	1	3.0632	-0.0026	0.010	+ 9 41 12.3	1	20.039	0.026	0.17
3560	+ 9 2611	8.6	8.6	8.5	80.32	80.0	9 26.22	2	3.0628	-0.0026	0.010	+ 9 43 48.4	2	20.037	0.027	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3521	84 235	Berlin, Knorre	Harvard Zones 107-108 N <sup>o</sup> . 19	43.96	47"0	
3522	102 294	Königsberg, Rahts	Glasgow Cat. I 3104	43.81	49.7	
3523	112 395	Cap	Albany A. G. C. 4433	54.36	15.5	
3524	112 395	Cap	M <sub>2</sub> 4288	3 31	13.6	
3525	86 316, 107 108	Leiden, E. Bakhuyzen [u. Valentiner]	Harvard Zones 120 u. 121 [N <sup>o</sup> . 5]	3.78	21.3	
3526	84 235	Berlin, Knorre	.....	.....	.....	
3527	81 365, 82 31	Leipzig, Engelmann	Leidengenäherte Mer. Beob.	44.7	13'9	Siehe Noten. A. N. 82 um 0".6 nördlicher.
3528	69 72	Berlin, Romberg	Kasan A G Z. Vol. I p. 508 [u. 510]	41.53	25"0	Yarnall 5174, 418.61, 23".9; 7 <sup>m</sup> .0.
3529	102 294	Königsberg, Rahts	B. D. 2536	44.4	40' 1	
3530	102 294	Königsberg, Rahts	B. D. 2537	51.6	39.5	
3531	81 72, 108 37	Berlin, Tietjen	M <sub>2</sub> 4306	56.24	25"8	
3532	69 72	Berlin, Romberg	Schjellerup 4390	2.61	46.3	
3533	86 316, 107 108	Leiden, E. Bakhuyzen [u. Valentiner]	M <sub>1</sub> 7711	27.37	4.5	
3534	84 235	Berlin, Knorre	Harvard Zones 107-108 N <sup>o</sup> . 23	27.44	0.2	Harvard Zones Decl. um — 10' corrigirt.
3535	102 294	Königsberg, Rahts	.....	.....	.....	
3536	69 363	Königsberg, Lorek	Schjellerup 4393	38.82	44.1	
3537	76 318	Leiden, Becker	M <sub>2</sub> 4314	43.78	22.1	
3538	69 363	Königsberg, Lorek	M <sub>1</sub> 7723	55.46	47.8	
3539	81 72, 94 291	Berlin, Tietjen	Kam 2234	57.69	3.0	Göttingen Cat. I 3791-2, 57.62, 2".8; 6 <sup>m</sup> .8.
3540	102 294	Königsberg, Rahts	Albany A. G. C. 4445	16.62	4.3	
3541	76 44	Leipzig, Engelmann	B. D. 2633	39.6	7'9	
3542	81 72	Berlin	M <sub>2</sub> 4322	43.78	11"6	
3543	81 365, 79 222	Leipzig, Engelmann	M <sub>1</sub> 7741	44.13	15.7	
3544	111 175 u. 222	Berlin, Knorre	Santini, 1420	44.91	53.1	
3545	102 297, 111 222	Berlin, Lemán	Schjellerup 4409	59.36	47.4	
3546	112 395	Cap	M <sub>1</sub> 7750	6.97	54.3	
3547	102 294	Königsberg, Rahts	Albany A. G. C. 4447	6.89	55.7	
3548	94 289	Kremsmünster	Karlsruhe Beob. Hft II p. 191	9.06	7.9	[Dr. Knorre. E. B. Siehe Noten. Die scharfe Bestimmung nach brieflicher Mittheilung von
3549	84 179	Leipzig, Engelmann	Glasgow Cat. I 3122	33.04	42.1	E. B. + 0.0032 — 0".388. Stumpe A. N. 125. S. 407.
3550	86 316	Leiden, E. Bakhuyzen	B. D. 2545	32.9	14'8	+ 0.0089 — 0.379. Glasg. Cat. II, 79. + 0.009 — 0.42. Porter Prop. Mot. Nr. 697. + 0.0048 — 0.390. Bischof 338 — 0.0003 — 0".297 Stumpe A. N. 125. S. 407.
3551	84 179	Leipzig, Engelmann	Glasgow Cat. I 3126	6.78	45.2	E. B. + 0.0032 — 0.307 Glasg. Cat. II 81.
3552	77 367	Durham, Plummer	Weisse, 81 B. Z. 235	11.90	34.1	+ 0.003 — 0.30 Porter Prop. Mot. Nr. 699.
3553	81 73	Berlin, Tietjen	Albany A. G. C. 4451	32.71	22.3	N <sup>o</sup> . 3552 bloss in A. R. scharf bestimmt. — 0.0069.
3554	78 202, 82 61	Cambr. (M.) Rogers	M <sub>1</sub> 7787	46.18	44.5	Moskau Zonen 606, 32.86, 22".4; 7 <sup>m</sup> .0. E. B. — 0"039.
3555	102 294	Königsberg, Rahts	Schjellerup 4417	11.31	56.4	N <sup>o</sup> . 3554 A. N. 82. A. R. um 0.31 grösser, 3 um 1".2 nördl.
3556	102 294	Königsberg, Rahts	Berlin A. G. Z. 93 u. 97	33.01	7.5	[S. Noten.
3557	76 318	Leiden, Valentiner	Rümker 3880	39.50	33.0	
3558	79 75	Leipzig, Engelmann	Schjellerup 4420	39.64	36.8	
3559	98 241	Berlin, Küstner	B. D. 2609	1.2	42' 1	
3560	98 241 u. 253	Berlin, Küstner	Brüssel 5014	26.01	47"3	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHÉ DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
3561	— 5° 3463	8.0	8	8	66.33	65.0	12h 9m 27.51	2	+ 3.0775	+0.0053	+0.010	— 5° 27' 45" 7	2	20.037	— 0.027	+ 0.17
3562	+ 8 2582	9.0	....	9.2	71.22	70.0	9 27.72	2	3.0644	— 0.0018	0.010	+ 8 8 28.6	2	20.037	0.027	0.17
3563	+ 10 2395	9.5	....	9.5	79.3	79.0	9 28.38	..	3.0626	— 0.0027	0.010	+ 9 53 16.3	..	20.037	0.027	0.17
3564	+ 58 1365	8.3	8.3	8.2	65.14	65.0	9 30.03	1	2.9825	— 0.0430	0.045	+ 58 18 7.9	1	20.037	0.027	0.15
3565	+ 7 2526	8.0	....	7.5	72.24	70.0	9 52.51	2	3.0653	— 0.0011	0.010	+ 6 55 4.6	2	20.036	0.028	0.17
3566	» » »	....	8	8	70.3	70.0	52.61	..	»	»	»	5.1	..	»	»	..
3567	— 6 3538	8.3	....	8.5	81.24	80.0	9 56.41	4	3.0792	+ 0.0060	0.010	— 6 50 13.1	4	20.035	0.028	0.17
3568	— 1 2639	8.0	9	8.9	75.27	70.0	10 19.70	2	3.0744	+ 0.0035	0.010	— 2 2 40.5	2	20.034	0.029	0.17
3569	+ 2 2525	8.5	9	8.8	80.70	75.0	10 43.92	4	3.0696	+ 0.0013	0.010	+ 2 24 24.6	4	20.032	0.030	0.17
3570	+ 58 1367	9.0	9.0	9.0	65.22	65.0	10 48.50	1	2.9709	— 0.0422	0.045	+ 58 6 57.2	1	20.032	0.029	0.15
3571	— 1 2641	9.0	....	9.0	71.30	71.0	11 6.99	2	3.0738	+ 0.0032	0.010	— 1 21 45.8	2	20.031	0.030	0.17
3572	» » »	....	8.7	8.7	75.28	70.0	7.11	2	»	»	»	47.5	2	»	»	»
3573	— 7 3384	8.7	....	9.3	70.3	70.0	11 10.49	2	3.0810	+ 0.0066	0.010	— 7 41 41..	..	20.030	0.030	0.17
3574	— 16 3432	9.0	9	9.0	66.17	65.0	11 18.09	2	3.0920	+ 0.0116	0.010	— 16 39 42.4	2	20.030	0.031	0.17
3575	— 5 3468	8.2	....	8	70.36	70.0	11 28.91	2	3.0790	+ 0.0055	0.010	— 5 44 7.0	2	20.029	0.031	0.17
3576	+ 3 2625	9.3	....	10	85.3	85.0	11 41.10	2	3.0683	+ 0.0009	0.010	+ 3 16 49.3	2	20.028	0.031	0.17
3577	— 1 2646	9.0	....	9.0	71.30	71.0	12 43.22	3	3.0740	+ 0.0033	0.009	— 1 20 46.3	3	20.023	0.033	0.17
3578	+ 7 2532	8.9	....	9	71.21	71.0	12 49.55	1	3.0621	— 0.0014	0.010	+ 7 42 1.7	1	20.023	0.033	0.16
3579	» » »	....	...	...	71.21	71.0	49.68	1	»	»	»	2.0	1	»	»	»
3580	— 8 3323	7.0	....	7.5	70.3	70.0	12 54.20	2	3.0831	+ 0.0069	0.010	— 8 13 9..	..	20.023	0.034	0.17
3581	— 1 2648	9.0	9	9.0	75.20	70.0	13 0.38	2	3.0743	+ 0.0034	0.009	— 1 32 15.6	2	20.022	0.034	0.17
3582	» » »	....	10	10	71.36	71.0	0.53	3	»	»	»	16.3	3	»	»	»
3583	— 1 2650	9.5	9.5	9.5	74.27	70.0	13 25.45	2	3.0745	+ 0.0035	0.009	— 1 37 27.1	2	20.020	0.035	0.17
3584	+ 5 2614	9.1	9.1	9.2	83.23	80.0	13 42.04	2	3.0646	— 0.0001	0.010	+ 5 26 9.0	2	20.018	0.035	0.16
3585	— 2 3500	9.2	9	9.2	78.27	75.0	13 49.62	1	3.0761	+ 0.0041	0.009	— 2 46 1.4	1	20.018	0.035	0.17
3586	+ 3 2632	9.3	....	9.3	85.3	85.0	13 51.75	1	3.0669	+ 0.0007	0.010	+ 3 45 20.9	1	20.018	0.035	0.16
3587	» » »	9.3	...	...	83.2	82.0	51.85	3	»	»	»	20.8	3	»	»	»
3588	— 2 3503	9.4	9-10	9-10	78.27	75.0	14 24.75	1	3.0765	+ 0.0042	0.010	— 2 55 11.3	1	20.015	0.037	0.17
3589	— 1 2653	9.5	....	9.5	71.22	70.0	14 34.44	3	3.0748	+ 0.0036	0.009	— 1 44 5.8	3	20.014	0.037	0.17
3590	» » »	....	...	...	71.3	71.0	34.59	..	»	»	»	43 51.5	..	»	»	»
3591	— 3 3270	9.5	9	9.5	78.30	75.0	14 42.12	1	3.0773	+ 0.0045	0.010	— 3 23 0.4	1	20.013	0.037	0.17
3592	— 4 3258	9.0	....	9	77.35	78.0	15 13.78	2	3.0796	+ 0.0052	0.010	— 4 41 5.5	2	20.010	0.038	0.17
3593	+ 34 2308	9.0	9.0	9.0	83.26	80.0	15 16.15	2	3.0118	— 0.0166	0.016	+ 34 9 51.5	2	20.010	0.038	0.15
3594	— 7 3395	9.0	9.1	9	68.37	65.0	15 17.65	2	3.0835	+ 0.0065	0.010	— 7 13 23.2	2	20.010	0.039	0.17
3595	— 1 2656	9.5	....	9.5	75.28	70.0	15 27.93	2	3.0753	+ 0.0038	0.009	— 1 55 29.8	2	20.009	0.039	0.17
3596	» » »	....	...	...	74.27	74.0	28.00	3	»	»	»	28.5	3	»	»	»
3597	+ 62 1227	7.5	7.7	8.1	74.37	74.0	15 34.9.	..	2.8982	— 0.0478	0.057	+ 62 26 59.7	4	20.008	0.037	0.14
3598	+ 13 2525	9.5	9.4	...	71.32	71.0	15 48.06	1	3.0508	— 0.0040	0.010	+ 13 7 34.5	1	20.007	0.039	0.17
3599	» » »	9.4	...	...	72.24	72.0	48.32	1	»	»	»	32.2	1	»	»	»
3600	— 1 2657	9.0	9	9.0	75.27	70.0	15 56.97	2	3.0756	+ 0.0039	0.009	— 2 4 56.2	2	20.006	0.040	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	REOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3561	69 72	Berlin, Romberg	M <sub>1</sub> 7823	27 <sup>s</sup> 51	45 <sup>m</sup> 4	
3562	81 72	Berlin, Tietjen	Pulkowa Cat. 1875.0 2691	27.67	28.1	
3563	98 253	Kremsmünster	Küstner 402	27.79	14.0	
3564	69 72	Berlin, Romberg	Helsingfors A.G.C. 7086	30.18	6.6	
3565	81 73	Berlin, Tietjen	Schjellerup 4429	52.61	4.8	
3566	76 16	Bonn	Glasgow Cat. I 3133	52.52	4.0	Bonn verbunden mit Schjellerup.
3567	111 55, 102 287	Hamburg, Schrader	Schjellerup 4430	56.30	14.1	
3568	86 213	Berlin, Becker	Gr. New 7 Year Cat. 1458	19.62	39.5	
3569	110 297	Leiden, E. Bakhuyzen [u. Wilterdink]	Albany A.G.C. 4457	43.93	24.9	
3570	69 72	Berlin, Romberg	Helsingfors, A.G.C. 7095	48.48	57.6	
3571	78 202	Cambr. (M.), Rogers	Göttingen Cat. I 3803-4	7.07	47.2	
3572	86 213	Berlin, Becker	Schjellerup 4434	6.96	45.7	
3573	77 367	Durham, Plummer	M <sub>2</sub> 4372	10.63	42.9	
3574	69 72	Berlin, Romberg	B. D. 3432	17.3	39' 4	
3575	76 318	Leiden, Becker	M <sub>1</sub> 7870	29.11	5 <sup>m</sup> 9	
3576	112 395	Cap	Schjellerup 4437	40.80	49.2	
3577	78 202	Cambr. (M.), Rogers	Göttingen Cat. I 3807-8	43.20	45.9	
3578	81 73, 77 235	Berlin, Tietjen	M <sub>1</sub> 7904	49.76	0.6	} Siehe Noten.
3579	79 138	Leiden, Becker	Kam 2261	49.52	0.9	
3580	77 367	Durham, Plummer	Schjellerup 4444	54.16	12.1	Bloss in A. R. scharf bestimmt.
3581	86 213	Berlin, Becker	Göttingen Cat. I 3809-10	0.26	15.0	
3582	78 202, 79 109	Cambr. (M.), Rogers	M <sub>1</sub> 7907	0.33	17.9	A. N. 78 $\delta$ um + 1' corrigirt. A. N. 79 ist richtig.
3583	84 235	Berlin, Knorre	B. D. 2650	26.0	37' 6	
3584	111 175 u. 223	Berlin, Knorre	B. B. VI 2614	42.15	9 <sup>m</sup> 0	
3585	98 201	Pola, J. Palisa	B. D. 3500	50.0	46' 7	
3586	112 395	Cap	B. D. 2632	52.4	45.2	
3587	110 197	Albany, Tucker	.....	.....	.....	
3588	98 201	Pola, J. Palisa	B. D. 3503	25.0	55.4	
3589	81 73	Berlin, Tietjen	B. D. 2653	34.6	43.8	A. N. um + 10 <sup>s</sup> corrigirt. Siehe Noten.
3590	79 109	Washington	.....	.....	.....	
3591	98 201	Pola, J. Palisa	B. D. 3270	42.8	23.1	
3592	94 305 u. 309	Berlin, Tietjen	M <sub>1</sub> 7954	13.75	4 <sup>m</sup> 9	
3593	111 175 u. 221, 108 185	Berlin, Knorre	Leiden A.G.Z. 173 u. 188	16.15	52.4	
3594	72 113	Berlin, Romberg	Weisse, 226 B. Z. 239	17.56	20.5	Siehe Noten.
3595	86 213	Berlin, Becker	B. D. 2656	27.9	55' 5	
3596	86 316, 107 108	Leiden, E. Bakhuyzen	.....	.....	.....	} Bloss in $\delta$ genau bestimmt. E. B. { — 0 <sup>s</sup> .0380 — 0 <sup>m</sup> .268, Arg. 250 Sterne N <sup>o</sup> . 122. — 0.0414 — 0.297, Stumpe A. N. 125. 407. — 0.0398 — 0.298, Bischof, N <sup>o</sup> . 122. — 0.039 — 0.26, Porter N <sup>o</sup> . 707.
3597	86 318	Leiden, Valentiner	Helsingfors A.G.C. 7123	34.77	58 <sup>m</sup> 8	
3598	79 76	Leipzig, Engelmann	A. N. 78 313 Mikr. Anschluss	48.05	32.2	
3599	81 365	Leipzig, Engelmann	.....	.....	.....	
3600	86 213	Berlin, Becker	Göttingen Cat. I 3811-2	57.03	56.3	



NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800 +												
3601	— 3°3274	10	10	...	78.30	75.0	12 <sup>h</sup> 16 <sup>m</sup> 30 <sup>s</sup> 26	2	+ 3.0776	+0.0045	+0.010	— 3° 9' 25" 2	2	20.002	+0.041	+ 0" 17	
3602	— 6 3557	6.8	8	7.0	66.38	65.0	16 43.92	2	3.0835	+0.0063	0.010	— 6 36 19.5	2	20.001	0.041	0.17	
3603	— 4 3268	6.5	....	8	70.36	70.0	16 49.72	2	3.0796	+0.0051	0.010	— 4 16 48.3	2	20.000	0.041	0.17	
3604	+ 30 2264	9.5	....	9.5	74.24	74.0	16 56.10	2	3.0154	—0.0136	0.014	+29 56 36.9	2	19.999	0.041	0.16	
3605	+ 3 2638	9.3	9.1	9.7	83.3	82.0	17 7.27	3	3.0661	+0.0010	0.010	+ 3 32 47.9	3	19.998	0.042	0.16	
3606	" "	"	(9.3)	...	71.33	71.0	7.31	1	"	"	"	50.1	1	"	"	"	
3607	" "	"	....	...	85.3	85.0	7.34	2	"	"	"	48.5	2	"	"	"	
3608	" "	"	9.3	...	72.25	72.0	7.35	1	"	"	"	48.4	1	"	"	"	
3609	— 2 3511	9.4	9-10	9.4	74.33	70.0	17 29.17	1	3.0764	+0.0041	0.009	— 2 20 50.4	1	19.996	0.043	0.17	
3610	" "	"	9-10	...	75.28	70.0	29.28	1	"	"	"	52.3	1	"	"	"	
3611	.....	...	....	...	?	70.0	17 49.45	2	3.0578	—0.0012	0.010	+ 7 54 53.9	2	19.994	0.043	0.16	
3612	— 4 3273	8.5	....	9	77.34	78.0	18 19.95	2	3.0815	+0.0055	0.010	— 4 57 18.9	2	19.990	0.044	0.17	
3613	+ 7 2541	8.3	....	7	67.13	65.0	18 30.19	2	3.0589	—0.0007	0.010	+ 7 3 23.9	2	19.989	0.044	0.16	
3614	— 3 3280	8.0	....	...	74.30	70.0	18 34.92	2	3.0789	+0.0048	0.010	— 3 31 32.2	2	19.988	0.045	0.17	
3615	" "	"	....	...	74.35	74.0	35.01	2	"	"	"	30.9	2	"	"	"	
3616	+ 3 2641	9.4	9.0	9.4	71.32	71.0	18 35.29	1	3.0658	+0.0012	0.010	+ 3 25 2.6	1	19.988	0.045	0.16	
3617	" "	"	9.1	...	72.23	72.0	35.42	2	"	"	"	2.1	2	"	"	"	
3618	— 3 3281	9.4	....	10	74.30	70.0	18 39.11	2	3.0786	+0.0047	0.010	— 3 20 59.6	2	19.988	0.045	0.17	
3619	" "	"	....	9.7	74.34	74.0	39.12	2	"	"	"	59.2	2	"	"	"	
3620	— 2 3515	10	....	...	75.20	75.0	18 39.38	1	3.0770	+0.0043	0.009	— 2 32 2.3	1	19.988	0.045	0.17	
3621	" "	"	10	...	74.24	70.0	39.46	3	"	"	"	6.1	3	"	"	"	
3622	" "	"	....	...	74.35	74.0	39.50	1	"	"	"	4.8	1	"	"	"	
3623	+ 5 2625	8.7	....	10	73.28	73.0	18 55.30	1	3.0613	0.0000	0.010	+ 5 41 2.7	1	19.986	0.045	0.16	
3624	— 2 3517	9.0	9	9-10	75.27	70.0	19 17.22	2	3.0770	+0.0042	0.009	— 2 25 1.3	2	19.983	0.046	0.17	
3625	+ 4 2614	7.7	8	7.8	80.31	80.0	19 32.14	2	3.0625	+0.0005	0.010	+ 4 53 32.6	2	19.980	0.047	0.16	
3626	— 4 3281	7.8	....	8	77.37	76.0	20 21.88	1	3.0824	+0.0056	0.010	— 4 53 54.6	1	19.975	0.048	0.17	
3627	— 2 3519	8.0	9	8.0	74.22	70.0	20 34.57	2	3.0782	+0.0045	0.009	— 2 50 22.5	2	19.973	0.049	0.17	
3628	+ 3 2645	9.0	....	9.0	72.30	70.0	20 35.69	2	3.0652	+0.0013	0.010	+ 3 21 53.4	2	19.973	0.049	0.16	
3629	" "	"	(9.0)	10	71.33	71.0	35.78	1	"	"	"	54.8	1	"	"	"	
3630	" "	"	8.9	...	72.22	72.0	35.81	1	"	"	"	55.2	1	"	"	"	
3631	" "	"	....	...	85.3	85.0	35.90	1	"	"	"	52.8	1	"	"	"	
3632	— 2 3521	9.5	....	9.5	74.37	74.0	20 49.31	2	3.0785	+0.0046	0.010	— 2 57 13.0	2	19.972	0.049	0.17	
3633	" "	"	....	...	74.29	70.0	49.42	2	"	"	"	15.3	2	"	"	"	
3634	— 1 2670	8.0	7.5	8½	73.34	73.0	21 22.24	1	3.0759	+0.0040	0.009	— 1 41 16.5	1	19.967	0.050	0.17	
3635	— 3 3296	9.4	....	...	74.34	74.0	21 23.98	2	3.0794	+0.0049	0.010	— 3 17 7.1	2	19.967	0.050	0.17	
3636	" "	"	....	...	74.30	70.0	24.05	2	"	"	"	8.4	2	"	"	"	
3637	+ 77 474	8.1	8.1	9	64.74	65.0	21 25.55	2	2.5283	—0.0804	0.184	+77 4 36.2	2	19.967	0.043	0.10	
3638	+ 3 2648	9.4	9.4	9.4	86.25	86.0	21 47.89	2	3.0651	+0.0015	0.010	+ 3 13 46.2	2	19.963	0.051	0.16	
3639	" "	"	....	...	69.28	69.0	48.10	1	"	"	"	48.1	1	"	"	"	
3640	— 1 2671	8.8	....	9	71.29	71.0	22 1.16	1	3.0769	+0.0042	0.009	— 2 3 33.3	1	19.962	0.052	0.17	



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
3601	98 201	Pola, J. Palisa	B. D. 3274	29 <sup>s</sup> 7	8' 7	
3602	69 72	Berlin, Romberg	Yarnall 5258	43.91	21" 8	
3603	76 318	Leiden, Becker	Schjellerup 4463	49.77	48.8	
3604	86 316	Leiden, E. Bakhuyzen	Pulkowa Cat. 1875.0 2747	56.13	36.5	
3605	110 198	Albany, Tucker	M <sub>2</sub> 4407	6.92	48.4	
3606	79 76	Leipzig, Engelmann	.....	.....	.....	
3607	112 395	Cap	.....	.....	.....	
3608	81 365	Leipzig, Engelmann	.....	.....	.....	
3609	84 235	Berlin, Knorre	B. D. 3511	30.5	20' 9	Duplex bor.
3610	86 213	Berlin, Becker	.....	.....	.....	Duplex bor.
3611	81 72	Berlin, Tietjen	.....	.....	.....	Siehe Noten.
3612	94 299	Berlin, Tietjen	Schjellerup 4471	19.69	16" 9	
3613	69 72	Berlin, Romberg	M <sub>1</sub> 8021	30.28	25.0	
3614	84 235	Berlin, Knorre	Göttingen Cat. II 3169	35.27	25.8	
3615	86 316	Leiden, Valentiner	A.N. 88 239 u. 271 Mikrom. [Anschluss]	34.91	30.0	
3616	79 76	Leipzig, Engelmann	B. D. 2641	33.7	24' 4	
3617	81 365	Leipzig, Engelmann	.....	.....	.....	
3618	84 235	Berlin, Knorre	M <sub>1</sub> 8023	39.33	57" 6	
3619	86 316	Leiden, E. Bakh. u. [Valentiner]	M <sub>2</sub> 4417	39.25	0.9	
3620	89 23	Leiden, E. Bakhuyzen	A.N. 88 271, Mikr. Anschluss	39.62	5.5	
3621	84 235	Berlin, Knorre	.....	.....	.....	
3622	86 316	Leiden, Valentiner	.....	.....	.....	A. N. Declin. um — 1' 0".3 corrigirt cf. A.N. 89 24.
3623	85 201	Leiden, E. Bakhuyzen	M <sub>1</sub> 8029	55.63	1.7	
3624	86 213	Berlin Becker	Weisse, 290, B. Z. 70	17.87	3.3	
3625	98 241 u. 253	Berlin, Küstner	Albany A. G. C. 4484	32.12	32.2	A. N. 98 253 Declin. um 5" nördlicher.
3626	94 309	Berlin, Tietjen	Schjellerup 4480	21.87	55.5	
3627	84 235	Berlin, Knorre	Karlsruhe Beob. Heft II p. 191	34.76	22.7	
3628	81 73	Berlin, Tietjen	Albany A. G. C. 4489	35.69	54.6	
3629	79 76	Leipzig, Engelmann	M <sub>1</sub> 8068	35.74	52.9	
3630	81 365	Leipzig, Engelmann	.....	.....	.....	
3631	112 395	Cap	.....	.....	.....	
3632	86 316	Leiden, Valentiner	A.N. 88 271 Mikr. Anschluss	49.39	10.9	
3633	84 235	Berlin, Knorre	.....	.....	.....	
3634	88 135	Wien, Holetschek	Cordoba Gen. Cat. 16981	22.17	15.8	E. B. { — 0 <sup>s</sup> 0095 — 0" 178. Stumpe A.N. 125. 407. — 0.0079 — 0.184 M <sub>2</sub> 33. Seite E 34.
3635	86 316	Leiden, Valentiner	A.N. 88 239 Mikr. Anschluss	24.53	2.7	
3636	84 235,	Berlin, Knorre	.....	.....	.....	
3637	69 72	Berlin, Romberg	Kasan A.G.Z. I 304 u. 308	25.55	35.0	
3638	Publicat. XVIII der A. G.	Pulkowa, Romberg	B. D. 2648	48.0	13' 3	Controlestern.
3639	76 44	Leipzig, Engelmann	.....	.....	.....	A. N. A. R. um — 9 <sup>s</sup> corrigirt, cf. Publ. XVIII.
3640	78 202	Cambr. (M.), Rogers	Weisse, 347, B. Z. 70	1.50	5" 7	Siehe Noten.

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
3641	— 1°2671	8.8	....	8-9	72.27	72.0	12 <sup>h</sup> 22 <sup>m</sup> 18.19	3	+ 3.0769	+0.0042	+0.009	— 2° 4' 3"1	3	19.962	+0"052	+ 0"15
3642	» »	»	....	8.8	68.4	68.0	1.26	..	»	»	»	5.4	..	»	»	»
3643	» »	»	....	...	71.36	71.0	1.47	3	»	»	»	6.7	3	»	»	»
3644	— 1 2674	7.7	....	8	71.30	71.0	22 44.93	2	3.0763	+0.0041	0.009	— 1 44 15.6	2	19.955	0.053	0.15
3645	» »	»	7.7	7-8	80.30	80.0	45.01	2	»	»	»	16.7	2	»	»	»
3646	+ 12 2478	8.3	....	8-9	71.76	70.0	23 12.27	2	3.0431	—0.0031	0.010	+12 10 58.6	2	19.951	0.053	0.15
3647	+ 0 2949	9.3	9.3	9.6	83.23	80.0	24 6.35	2	3.0708	+0.0030	0.009	+ 0 34 52.6	2	19.943	0.056	0.15
3648	+ 2 2550	8.8	....	8.8	69.4	70.0	24 39.80	3	3.0652	+0.0018	0.009	+ 2 47 59.8	3	19.938	0.057	0.16
3649	+ 53 1554	6.5	....	6.8	74.37	74.0	24 52.9.	..	2.8746	—0.0319	0.034	+53 45 39.8	3	19.936	0.054	0.14
3650	— 7 3422	9.2	....	9.2	70.19	70.0	25 8.72	2	3.0924	+0.0074	0.010	— 7 49 51.3	2	19.934	0.058	0.15
3651	+ 74 499	8.7	9	8.7	75.54	80.0	25 9.00	2	2.5570	—0.0660	0.126	+74 8 0.8	2	19.933	0.049	0.15
3652	+ 14 2511	9.5	....	9.5	65.4	65.0	25 36.07	5	3.0342	—0.0040	0.010	+14 18 50.1	5	19.929	0.058	0.15
3653	» »	»	....	...	65.3	65.0	36.17	1	»	»	»	44.6	1	»	»	»
3654	+ 3 2663	9.5	9.5	9.5	83.2	82.0	26 30.19	3	3.0639	+0.0018	0.010	+ 3 6 19.4	3	19.920	0.060	0.15
3655	» »	»	....	...	85.3?	85.0	30.37	2	»	»	»	20.0	2	»	»	»
3656	+ 0 2952	8.0	8.0	8.5	83.25	80.0	26 35.42	1	3.0711	+0.0032	0.009	+ 0 24 53.9	1	19.919	0.060	0.15
3657	— 9 3513	8.8	....	...	70.3	70.0	26 58.22	1	3.0985	+0.0084	0.010	— 9 28 54.	..	19.915	0.062	0.15
3658	+ 47 1969	6.8	7.8	6.8	74.36	74.0	28 4.3.	..	2.8944	—0.0249	0.025	+47 26 18.6	9	19.905	0.060	0.14
3659	+ 42 2323	8.8	....	...	70.19	70.0	28 41.92	2	2.9195	—0.0208	0.020	+42 26 55.2	2	19.897	0.062	0.14
3660	+ 30 2296	8.0	8.0	...	82.31	81.0	28 50.43	2	2.9719	—0.0130	0.014	+30 52 58.5	2	19.896	0.063	0.15
3661	+ 36 2287	9.5	10-11	9.5	79.98	75.0	29 45.07	1	2.9433	—0.0166	0.017	+36 41 36.7	1	19.885	0.064	0.15
3662	+ 30 2299	8.3	8.3	...	83.26	80.0	29 47.66	2	2.9697	—0.0127	0.014	+30 36 57.2	2	19.885	0.065	0.15
3663	+ 1 2726	9.3	....	9.1	69.4	70.0	30 41.35	3	3.0675	+0.0028	0.009	+ 1 30 47.7	3	19.875	0.068	0.16
3664	— 7 3443	7.3	7.8	7.5	83.22	80.0	30 53.89	2	3.0962	+0.0076	0.010	— 7 36 41.2	2	19.872	0.069	0.15
3665	— 2 3546	8.6	8.5	9-10	73.28	73.0	31 7.08	1	3.0814	+0.0051	0.009	— 2 52 49.3	1	19.870	0.069	0.15
3666	» »	»	8.9	8.5	66.28	65.0	7.32	1	»	»	»	49.8	1	»	»	»
3667	+ 4 2631	6.5	7	6.7	67.13	65.0	31 42.21	2	3.0595	+0.0016	0.010	+ 3 58 14.5	2	19.863	0.070	0.16
3668	+ 15 2488	7.7	....	8	69.4	70.0	32 8.70	3	3.0202	—0.0042	0.010	+15 33 38.0	3	19.857	0.070	0.16
3669	+ 40 2557	8.2	....	8	80.39	80.0	32 12.04	2	2.9114	—0.0150	0.019	+40 39 44.8	2	19.857	0.068	0.15
3670	— 2 3549	8.5	9	9	66.38	65.0	32 22.27	2	3.0809	+0.0050	0.009	— 2 37 15.7	2	19.854	0.072	0.15
3671	+ 40 2558	7.5	7	7.1	80.40	80.0	32 46.14	2	2.9124	—0.0184	0.020	+40 0 3.0	2	19.850	0.069	0.14
3672	— 6 3620	8.8	....	8.8	77.36	76.0	33 38.87	2	3.0941	+0.0071	0.010	— 6 22 25.2	2	19.838	0.074	0.15
3673	+ 3 2677	9.0	....	8.6	65.3	65.0	34 9.83	2	3.0591	+0.0019	0.009	+ 3 46 48.2	2	19.832	0.075	0.16
3674	— 12 3673	8.9	8.7	...	72.30	72.0	34 18.99	3	3.1172	+0.0106	0.009	—12 41 25.7	3	19.830	0.076	0.15
3675	+ 13 2569	8.2	....	8.1	65.3	65.0	34 26.45	1	3.0246	—0.0030	0.010	+13 24 11.4	1	19.828	0.075	0.16
3676	— 8 3401	7.6	(8.0)	8-7	71.33	71.0	34 40.60	1	3.1026	+0.0083	0.009	— 8 33 31.6	1	19.825	0.077	0.15
3677	» »	»	8.3	8.0	72.22	72.0	40.66	1	»	»	»	31.4	1	»	»	»
3678	+ 6 2644	8.7	8.5	9	73.28	73.0	35 28.63	2	3.0486	+0.0005	0.009	+ 6 33 16.2	2	19.814	0.077	0.16
3679	— 4 3331	8.1	....	8.2	66.33	65.0	35 33.33	2	3.0886	+0.0062	0.009	— 4 32 1.4	2	19.813	0.078	0.15
3680	— 6 3630	9.2	....	9.5	82.3	82.0	36 22.95	2	3.0957	+0.0072	0.009	— 6 19 47.2	2	19.802	0.080	0.15

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3641	81 155	Leiden, Valentiner	Trettenero 462	1817	5"0	
3642	74 191	Berlin	Göttingen Cat. I 3832-3	1.15	5.4	
3643	78 202, 79 109	Cambr. (M.), Rogers	Göttingen Cat. II 3185	1.57	3.5	
3644	78 202	Cambr. (M.), Rogers	Cordoba G. C. 17006	44.93	14.0	
3645	98 241	Berlin, Küstner	Glasgow Cat. I 3183	44.81	17.1	
3646	81 73	Berlin	Weisse, 368 B.Z. 154 u. 161	12.35	53.9	
3647	111 177 u. 222	Berlin, Knorre	M <sub>2</sub> 4468	6.05	53.2	
3648	76 53	Königsberg, Lorek	Albany A. G. C. 4504	39.91	1.4	Albany A. G. C. erwähnt Duplex?
3649	86 318	Leiden, Valentiner	Pulkowa Cat. 1875.0, 2811	53.06	40.7	Bloss in <i>j</i> genau bestimmt. Cambr. (M.) A. G. C. 4093,
3650	81 73, 105 381	Berlin, Tietjen	B. D. 3422	9.3	49'9	53 <sup>s</sup> .06, 38 <sup>n</sup> .6; 6.6 <sup>m</sup> . E.B. Siehe Noten.
3651	88 23	Berlin, Becker	Dorpat A. G. Z. Vol XVIII	9.15	0"7	Siehe Noten.
3652	78 64	Königsberg, Lorek	B.B. VI 2511 [P. (57)]	35.39	47.9	Siehe Noten.
3653	69 363	Königsberg, Lorek	.....	.....	.....	
3654	110 198	Albany, Tucker	B.D. 2663	28.9	7'4	
3655	112 395	Cap	.....	.....	.....	
3656	111 117 u. 222	Berlin, Knorre	M <sub>2</sub> 4486	35.21	54"7	
3657	77 367	Durham, Plummer	Kam 2299	58.73	51.0	Bloss in A. R. scharf bestimmt. Siehe Noten.
3658	86 318	Leiden, Valentiner	Armagh Cat. II 1449	4.29	18.7	Bloss in Declin. scharf bestimmt. Siehe Noten.
3659	81 73	Berlin, Tietjen	A.N. 70 128 u. 74 195 Mikr.	41.96	58.0	Bonn A. G. C. 8565, 4 <sup>s</sup> 26, 18 <sup>n</sup> .7; 7 <sup>m</sup> .5.
3660	108 185	Pulkowa, Romberg	[Anschluss Leiden A. G. Z. 406 u. 407	50.57	58.4	Bonn A. G. C. 8568, 41 <sup>s</sup> .84, 54 <sup>n</sup> .9; 9 <sup>m</sup> .0. Siehe Noten.
3661	97 329	Pola, J. Palisa	Leiden Mer. Beob.	45.04	36.1	A. N. Declin. um + 1' corrigirt; siehe Noten.
3662	111 177 u. 221, 108 185	Berlin, Knorre	Leiden A. G. Z. 408, 409	47.61	56.9	
3663	76 53	Königsberg, Lorek	Albany A. G. C. 4523	41.52	52.7	
3664	111 177 u. 224	Berlin, Knorre	Armagh Cat. II 1456	53.81	41.7	
3665	84 179	Leipzig, Engelmann	Greenw. New Year Cat. 1502	7.13	50.1	E.B. { — 0 <sup>s</sup> .0086 — 0 <sup>n</sup> .183 nach Stumpe A. N. 125. 407. — 0.0070 — 0.185 Bischof N <sup>o</sup> . 346.
3666	69 72	Berlin, Romberg	Schjellerup 4545	7.10	52.2	
3667	69 72	Berlin, Romberg	Albany A. G. C. 4525	42.14	14.3	
3668	76 53	Königsberg, Lorek	Weisse, 648, B. Z. 360	8.80	36.2	A. R. nach Weisse um 1 <sup>s</sup> kleiner als B. Z.
3669	98 135	Pola, J. Palisa	Weisse, 652-4, B. Z. 459, [469, 470]	11.81	46.5	Bonn A. G. C. 8596, 11 <sup>s</sup> .94, 45 <sup>n</sup> .3; 8 <sup>m</sup> .3.
3670	69 72	Berlin, Romberg	Trettenero 476	22.04	16.7	
3671	98 137	Pola, J. Palisa	Lund A. G. Z. 9 u. 11.	46.25	4.3	Bonn A. G. C. 8601, 46 <sup>s</sup> .44, 4 <sup>n</sup> .9; 7 <sup>m</sup> .3.
3672	94 309	Berlin, Tietjen	Carleton College Cat. 396	39.05	27.3	
3673	69 363	Königsberg, Lorek	Albany A. G. C. 4534	9.88	46.3	
3674	81 365	Leipzig, Engelmann	B. D. 3673	19.6	41'7	
3675	69 363	Königsberg, Lorek	Schjellerup 4564-5	26.25	9'8	
3676	79 76	Leipzig, Engelmann	Radcliffe Cat. 1890.0, 3291	40.51	32.3	
3677	81 366	Leipzig, Engelmann	von Küfnersche Zone 36	40.56	33.6	
3678	84 179	Leipzig, Engelmann	Weisse, 572 B. Z. 157	28.56	15.8	
3679	69 72	Berlin, Romberg	M <sub>2</sub> 4562	33.26	0.6	
3680	105 382	Wien	Carleton College Cat. 401	23.16	52.2	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.			
		NACH			DER				1875.0					1875.0			
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
					1800 +												
3681	— 0°2603	7.7	....	7-8	70.25	70.0	12 <sup>h</sup> 37 <sup>m</sup> 12 <sup>s</sup> 84	2	+ 3 <sup>s</sup> 0756	+ 0 <sup>s</sup> 0044	+ 0 <sup>s</sup> 0009	— 0°53' 19" 9	2	19" 790	+ 0" 081	+ 0" 16	
3682	+ 15 2502	9.2	....	9.2	69.4	70.0	38 17.80	4	3.0129	— 0.0035	0.010	+ 14 56 35.6	4	19.775	0.082	0.16	
3683	— 5 3561	8.8	....	8-9	71.22	70.0	38 17.87	2	3.0936	+ 0.0069	0.009	— 5 29 7.9	2	19.775	0.083	0.17	
3684	+ 52 1650	7.2	7.2	6.8	74.37	74.0	38 34.8.	..	2.7809	— 0.0269	0.028	+ 52 27 0.0	3	19.771	0.076	0.13	
3685	— 4 3348	8.8	....	9	70.31	70.0	38 35.02	2	3.0902	+ 0.0064	0.009	— 4 35 10.6	2	19.771	0.084	0.17	
3686	» »	»	....	8-9	66.38	65.0	35.09	2	»	»	»	9.9	2	»	»	»	
3687	+ 35 2371	9.2	9	9.2	79.98	75.0	38 48.70	1	2.9150	— 0.0143	0.015	+ 34 54 13.7	1	19.767	0.080	0.14	
3688	— 3 3348	8.2	....	8	71.34	71.0	38 51.48	2	3.0849	+ 0.0057	0.009	— 3 11 59.5	2	19.767	0.084	0.17	
3689	— 3 3349	8.0	....	8	71.36	71.0	38 51.64	5	3.0849	+ 0.0057	0.009	— 3 12 14.2	6	19.767	0.084	0.17	
3690	— 4 3350	8.7	8	8	81.37	81.0	38 59.28	1	3.0898	+ 0.0064	0.009	— 4 26 29.3	1	19.765	0.085	0.17	
3691	— 8 3423	8.0	8	8.1	80.37	80.0	39 29.62	3	3.1070	+ 0.0086	0.009	— 8 37 19.0	3	19.757	0.086	0.17	
3692	+ 39 2558	7.8	7.8	8.7	80.3	79.0	39 42.18	1	2.8853	— 0.0168	0.018	+ 39 2 37.0	1	19.754	0.081	0.14	
3693	+ 11 2491	9.4	....	9.5	74.26	74.0	39 50.72	1	3.0238	— 0.0018	0.010	+ 11 50 34.0	1	19.752	0.085	0.16	
3694	— 0 2608	8.3	8.3	8.2	80.17	75.0	40 8.15	4	3.0728	+ 0.0042	0.009	— 0 8 16.8	4	19.748	0.086	0.16	
3695	+ 0 2981	8.2	8.2	8.5	80.13	75.0	40 15.89	3	3.0721	+ 0.0042	0.009	+ 0 1 15.5	4	19.746	0.087	0.16	
3696	— 8 3424	7.3	8.9	8.0	81.39	81.0	40 37.36	2	3.1076	+ 0.0086	0.009	— 8 31 52.1	2	19.740	0.088	0.17	
3697	» »	»	8.9	8	80.38	80.0	37.42	2	»	»	»	51.3	2	»	»	»	
3698	+ 12 2512	6.5	7	6	66.36	65.0	40 56.13	3	3.0190	— 0.0022	0.010	+ 12 38 31.2	3	19.735	0.087	0.16	
3699	— 5 3569	6.3	....	6.1	?	70.0	41 5.77	2	3.0957	+ 0.0071	0.009	— 5 37 2.9	2	19.733	0.089	0.17	
3700	+ 5 2680	9.0	8.8	9	73.27	73.0	41 53.24	2	3.0479	+ 0.0013	0.009	+ 5 43 11.5	2	19.720	0.089	0.16	
3701	— 8 3427	9.0	(9.0)	9.0	71.33	71.0	42 6.14	1	3.1113	+ 0.0090	0.009	— 9 5 1.2	1	19.717	0.091	0.17	
3702	» »	»	8.9	...	72.24	72.0	6.25	1	»	»	»	2.2	1	»	»	»	
3703	— 4 3359	8.5	....	8.6	70.30	70.0	42 42.03	2	3.0929	+ 0.0067	0.009	— 4 45 39.5	2	19.707	0.092	0.17	
3704	» »	»	8.8	9	70.37	70.0	42.08	2	»	»	»	39.7	2	»	»	»	
3705	» »	»	....	...	70.26	70.0	42.11	3	»	»	»	39.0	3	»	»	»	
3706	» »	»	....	9	66.38	65.0	42.22	2	»	»	»	38.5	2	»	»	»	
3707	+ 81 404	9.5	10	10.3	83.22	80.0	42 48.48	2	1.4861	+ 0.0111	— 0.024	+ 81 6 13.5	2	19.705	0.049	0.04	
3708	— 6 3656	7.5	....	8	69.4	70.0	43 14.84	3	3.0995	+ 0.0075	+ 0.009	— 6 11 55.5	3	19.698	0.093	0.17	
3709	» »	»	....	7.5	73.27	70.0	14.87	2	»	»	»	54.5	2	»	»	»	
3710	+ 39 2568	7.5	8	8.2	80.39	80.0	43 45.37	2	2.8664	— 0.0162	0.018	+ 39 2 57.3	2	19.690	0.088	0.14	
3711	+ 7 2580	8.0	....		68.3	68.0	44 0.01	..	3.0413	+ 0.0009	0.009	+ 6 54 32..	..	19.686	0.093	0.16	
3712	.....	...	9.9	..	69.23	69.0	44 11.62	1	3.0043	— 0.0031	0.010	+ 14 50 50.1	1	19.683	0.092	0.16	
3713	— 9 3569	6.5	6.7	7	80.37	80.0	44 52.70	3	3.1165	+ 0.0095	0.009	— 9 39 25.8	3	19.671	0.097	0.17	
3714	» »	»	8	7.0	80.38	80.0	52.78	2	»	»	»	27.2	2	»	»	»	
3715	» »	»	....	6.7	62.0	71.0	52.94	1	»	»	»	22..	..	»	»	»	
3716	— 12 3709	8.0	7.5	8.0	74.37	74.0	44 55.1	..	3.1314	+ 0.0113	0.009	— 12 47 57.2	3	19.670	0.097	0.17	
3717	» »	»	7.8	8.1	67.14	65.0	55.62	1	»	»	»	55.4	1	»	»	»	
3718	.....	...	....	6.6	77.32	75.0	45 4.29	3	3.2838	+ 0.0313	0.020	— 38 59 58.7	3	19.668	0.102	0.20	
3719	+ 32 2282	9.5	9	...	77.37	75.0	45 11.27	1	2.9029	— 0.0124	0.014	+ 32 53 7.3	1	19.666	0.091	0.14	
3720	— 6 3669	9.0	8.9	9	73.27	73.0	45 11.43	2	3.1035	+ 0.0079	0.009	— 6 47 52.3	2	19.666	0.097	0.17	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
3681	81 73	Berlin, Tietjen	Glasgow Cat. I 3242	12 <sup>s</sup> 87	20' 0	Siehe Noten. E. B. { — 0 <sup>s</sup> 0489 — 0" 165; Stumpe A. N. 125. 407 — 0.0473 — 0.167; Argel. 250 Sterne Nr. 124. — 0.046 — 0.18; Porter Prop. Mot. Nr. 727. — 0.0447 — 0.148; Cambr. A. G. C. pag. (35).
3682	76 53	Königsberg, Lorek	B. D. 2502	18.7	56' 4	
3683	81 73	Berlin, Tietjen	Weisse, 628, B. Z. 67 u. 239	18.81	3" 2	
3684	86 318	Leiden, Valentiner	Cambridge (M) A. G. C. 4133	34.18	59.9	
3685	76 318	Leiden, Becker	Weisse, 634 B. Z. 67	34.87	11.0	
3686	69 72	Berlin, Romberg	Lalande-Bossert 1754	35.04	6.2	
3687	97 329	Pola, J. Palisa	B. D. 2371	49.7	54' 0	
3688	78 202	Cambr. (M.), Rogers	Cordoba G. C. 17378	51.41	57" 8	
3689	78 202	Cambr. (M.), Rogers	Glasgow Cat. I 3245	51.56	15.5	
3690	102 297	Berlin, Leman	M <sub>1</sub> 8441	59.14	25.9	
3691	98 241, 101 203	Berlin, Küstner	M <sub>2</sub> 4588	29.89	21.8	Zeigt E. B. cf. A. N. 101. 204. E. B. { + 0 <sup>s</sup> 0249 — 0" 248; Stumpe A. N. 125. 407. + 0.026 — 0.25; Porter Prop. Mot. Nr. 729. + 0.0207 — 0.231; M <sub>2</sub> 35.
3692	100 249	Königsberg, Rahts	Lund A. G. Z. 199 u. 212	42.15	38.2	
3693	86 316	Leiden, Valentiner.	Pulkowa Cat. 1875.0 2889	50.70	32.4	
3694	110 291	Leiden, E. Bakhuyzen	Yarnall 5430	8.20	16.9	
3695	110 291	Leiden, E. Bakhuyzen [u. Wilterdink]	Schjellerup 4606	15.81	15.3	
3696	102 297	Berlin, Leman	Yarnall 5432	37.40	49.8	
3697	98 237	Pola, J. Palisa	Weisse, 668 B. Z. 235	37.62	50.8	
3698	69 72	Berlin, Romberg	Glasgow Cat. I 3252	56.00	29.6	
3699	81 73	Berlin, Tietjen	Greenwich 10 Year Cat. 1995	5.85	2.0	
3700	84 179	Leipzig, Engelmann	M <sub>1</sub> 8502	53.22	11.7	
3701	79 76	Leipzig, Engelmann	M <sub>2</sub> 4615	6.05	3.7	A. N. um + 1 <sup>m</sup> corrigirt. Siehe Noten. Ebenso.
3702	81 366	Leipzig, Engelmann	.....	.....	.....	
3703	76 318	Leiden, Valentiner	M <sub>2</sub> 4619	42.14	37.9	
3704	79 75	Leipzig, Engelmann	M <sub>1</sub> 8518	42.40	32.9	
3705	81 73	Berlin, Tietjen	Göttingen Cat. II 3287	42.11	37.5	
3706	69 72	Berlin, Romberg	Weisse, 707 B. Z. 67	41.87	38.1	
3707	111 177 u. 221	Berlin, Knorre	Redhill Cat. 1895	49.6	14.6	
3708	76 53	Königsberg, Lorek	M <sub>1</sub> 8531	15.09	52.8	
3709	84 244	Berlin, Tietjen	Karlsruhe Beob. Heft II p. 209	14.87	54.8	
3710	98 137	Pola, J. Palisa	Lund A. G. Z. 184 u. 208	45.36	58.6	
3711	72 61	Durham, Plummer	Glasgow Cat. I 3261	0 10	32.6	Bloss in A. R. scharf bestimmt. Siehe Noten. } Dupl. Σ 1682. Der Hauptstern ist in A. N. beob. Bloss in γ scharf bestimmt. E. B. Siehe Noten
3712	76 44	Leipzig, Engelmann	Leiden genäherte Mer. Beob.	11.9	50' 7	
3713	98 243, 101 203	Berlin, Küstner	Cordoba G. C. 17485	52.69	24" 8	
3714	98 137	Pola, J. Palisa	M <sub>2</sub> 4640	52.76	26.3	
3715	77 360	Washington	Greenwich 9 Year Cat. 1185	52.75	25.4	
3716	86 318	Leiden, Valentiner	M <sub>2</sub> 4641	55.02	59.8	
3717	69 72	Berlin, Romberg	Pulk. Cat. 1875.0, 2902	55.27	58.0	
3718	92 371	Pola, J. Palisa	Cordoba G. C. 17489	4.47	55.7	
3719	92 371	Pola, J. Palisa	A. N. 85 299 Mikr. Anschluss	11.05	10.2	
3720	84 179	Leipzig, Engelmann	Weisse, 753, B. Z. 239	12.04	53.6	

Vergl. Note zu Nr. 3594.  
Weisse gibt 7<sup>m</sup> und B. Z. 9<sup>m</sup> an.

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
1800 +																
3721	+ 32°2283	9.4	9	...	77.33	75.0	12 <sup>h</sup> 45 <sup>m</sup> 15 <sup>s</sup> 90	1	+ 289044	-0.0122	+0.009	+32°36' 29" 9	1	19" 664	+0" 091	+ 0" 14
3722	+ 32 2285	9.5	10	...	77.39	75.0	45 33.88	1	2.9016	-0.0123	0.009	+32 51 58.8	1	19.659	0.092	0.14
3723	- 4 3370	9.2	....	9.2	70.27	70.0	46 7.06	2	3.0955	+0.0070	0.009	- 4 58 56.7	2	19.650	0.099	0.17
3724	- 13 3612	7.8	....	7	67.13	65.0	46 25.72	1	3.1391	+0.0120	0.009	-13 56 27.4	1	19.644	0.100	0.18
3725	+ 2 2595	9.1	(9.3)	9.1	71.33	71.0	46 56.98	1	3.0613	+0.0033	0.009	+ 2 18 46.8	1	19.635	0.099	0.16
3726	" "	"	9.0	...	72.24	72.0	57.00	1	"	"	"	45.7	1	"	"	"
3727	- 7 3503	8.0	....	8.0	70.24	70.0	47 7.75	3	3.1065	+0.0082	0.009	- 7 9 35.3	3	19.632	0.101	0.17
3728	+ 38 2377	8.3	9.0	8.9	80.3	79.0	47 39.41	1	2.8515	-0.0154	0.017	+38 39 9.1	1	19.622	0.094	0.13
3729	+ 5 2692	9.5	9.3	10.0	70.29	70.0	47 46.54	1	3.0441	+0.0016	0.009	+ 5 48 54.1	1	19.620	0.100	0.16
3730	+ 3 2711	8.5	....	8.4	70.27	70.0	47 48.65	2	3.0562	+0.0029	0.009	+ 3 18 46.4	2	19.619	0.101	0.16
3731	- 4 3375	9.2	....	9.2	70.37	70.0	47 52.20	3	3.0948	+0.0069	0.009	- 4 39 21.8	3	19.618	0.102	0.17
3732	- 6 3681	8.3	....	8.1	68.35	65.0	47 57.92	2	3.1060	+0.0082	0.009	- 6 55 50.0	2	19.617	0.102	0.17
3733	+ 6 2672	8.8	8-9	9	86.28	86.0	48 5.33	2	3.0419	+0.0014	0.009	+ 6 13 12.3	2	19.614	0.101	0.16
3734	" "	"	9.2	9	70.30	70.0	5.35	1	"	"	"	34.9	1	"	"	"
3735	+ 37 2334	8.0	....	8.8	80.39	80.0	48 11.06	2	2.8568	-0.0147	0.017	+37 39 58.0	2	19.613	0.095	0.13
3736	+ 3 2712	9.0	9.0	9.2	65.22	65.0	48 12.76	1	3.0567	+0.0029	0.009	+ 3 10 55.4	1	19.612	0.101	0.16
3737	- 6 3685	9.0	....	9-10	69.4	70.0	48 17.73	3	3.1063	+0.0082	0.009	- 6 56 19.0	3	19.611	0.103	0.17
3738	+ 6 2673	8.0	....	8	68.3	68.0	48 54.50	..	3.0426	+0.0016	0.009	+ 5 58 39.1	..	19.599	0.102	0.16
3739	+ 38 2380	8.3	9	8.9	80.41	80.0	48 57.50	2	2.8471	-0.0152	0.017	+38 27 28.3	2	19.598	0.096	0.13
3740	- 2 3597	7.9	....	8	79.3	79.0	49 15.85	..	3.0866	+0.0061	0.009	- 2 52 23.6	..	19.593	0.104	0.16
3741	- 6 3692	9.1	....	8.5	67.88	65.0	49 49.81	2	3.1063	+0.0081	0.009	- 6 43 52.2	2	19.582	0.106	0.17
3742	- 9 3589	9.8	....	...	83.25	80.0	49 55.17	1	3.1196	+0.0095	0.009	- 9 18 22.5	1	19.580	0.107	0.17
3743	+ 5 2695	9.0	....	9.0	68.3	68.0	50 7.52	3	3.0455	+0.0020	0.009	+ 5 16 36.1	3	19.576	0.105	0.16
3744	- 14 3613	8.5	9	8-9	67.19	65.0	50 14.34	2	3.1471	+0.0125	0.009	-14 25 53.1	2	19.574	0.108	0.18
3745	+ 2 2604	7.7	....	7.4	71.83	70.0	51 4.66	2	3.0614	+0.0036	0.009	+ 2 6 18.7	2	19.558	0.107	0.16
3746	- 13 3628	8.2	....	8.2	72.30	72.0	51 22.54	1	3.1445	+0.0121	0.010	-13 40 7.0	1	19.553	0.110	0.18
3747	- 16 3573	9.4	9	9.4	80.21	80.0	51 24.34	1	3.1632	+0.0141	0.010	-17 0 15.9	1	19.552	0.111	0.18
3748	- 6 3705	7.0	....	8	66.38	65.0	52 7.44	2	3.1054	+0.0080	0.009	- 6 16 20.7	2	19.538	0.110	0.17
3749	- 1 2747	9.2	....	9.0	84.3	84.0	52 13.65	..	3.0817	+0.0057	0.009	- 1 50 13.0	..	19.536	0.110	0.16
3750	- 9 3594	10	10	10	79.37	75.0	52 34.95	1	3.1227	+0.0097	0.009	- 9 25 17.4	1	19.529	0.112	0.17
3751	- 13 3631	9.1	9.0	9.1	83.22	80.0	52 37.60	2	3.1450	+0.0120	0.009	-13 27 17.4	2	19.528	0.113	0.18
3752	- 9 3595	7.7	7.5	8.0	74.37	74.0	52 38.1	..	3.1213	+0.0096	0.009	- 9 9 55.7	4	19.528	0.112	0.17
3753	+ 2 2608	9.0	9.0	9.0	66.39	65.0	52 54.38	1	3.0579	+0.0034	0.009	+ 2 41 12.6	1	19.522	0.110	0.16
3754	- 10 3589	9.1	....	10	80.38	80.0	52 58.93	2	3.1311	+0.0106	0.009	-10 52 25.2	2	19.521	0.113	0.17
3755	" "	"	....	9	80.3	80.0	59.02	..	"	"	"	20.5	..	"	"	"
3756	- 9 3600	9.1	9-10	10.0	79.38	75.0	53 33.66	2	3.1240	+0.0098	0.009	- 9 29 28.8	2	19.509	0.114	0.17
3757	" "	"	....	...	83.29	80.0	33.69	1	"	"	"	29.5	1	"	"	"
3758	+ 2 2612	8.8	....	8.8	71.62	70.0	53 37.55	3	3.0620	+0.0035	0.009	+ 1 53 43.1	3	19.508	0.112	0.16
3759	+ 24 2518	8.9	8.9	9	83.39	80.0	54 0.92	1	2.9307	-0.0070	0.011	+24 23 6.8	1	19.500	0.108	0.14
3760	- 7 3523	9.1	....	9	70.34	70.0	54 4.08	3	3.1124	+0.0087	0.009	- 7 19 8.7	3	19.499	0.114	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3721	92 371	Pola, J. Palisa	A.N. 85 299 Mikr. Anschluss	16s 46	26" 2	A.N. $\delta$ um — 1' corrigirt, cf. Publ. XVIII. Siehe Noten.
3722	92 371	Pola, J. Palisa	A.N. 85 307 Mikr. Anschluss	34.12	1.7	
3723	76 318	Leiden, Valentiner	B. D. 3370	6.2	59' 0	
3724	69 72	Berlin, Romberg	M <sub>1</sub> 8603	25.73	25" 5	
3725	79 76	Leipzig, Engelmann	L. de Ball Cat. 205	56.77	45.0	
3726	81 366	Leipzig, Engelmann	.....	.....	.....	
3727	81 73	Berlin, Tietjen	Karlsruhe Beob. Heft II p. 209	7.80	36.0	
3728	100 249	Königsberg, Rahts	Lund A.G.Z. 177 u. 215	39.63	8.4	
3729	79 75	Leipzig, Engelmann	M <sub>2</sub> 4666	46.66	49.8	
3730	81 73	Berlin, Tietjen	Albany A. G. C. 4600	48.63	46.5	
3731	76 318	Leiden, Becker	B. D. 3375	52.1	39' 6	Duplex praec. in A.N. Controlestern. Zu streichen, Daphne-Beob. Siehe Noten.  A.N. $\delta$ um + 10" corrigirt. Siehe Noten. Siehe Noten.
3732	72 113	Berlin, Romberg	Cordoba G. C. 17559	57.92	50" 8	
3733	Publicat. XVIII der A. G.	Pulkowa, Romberg	Weisse, 800 B. Z. 157	5.47	10.0	
3734	79 75	Leipzig, Engelmann	M <sub>1</sub> 8646	5.29	16.1	
3735	98 137	Pola, J. Palisa	Lund A. G. Z. 9 u. 11	11.01	58.9	
3736	69 72	Berlin, Romberg	Albany A. G. C. 4601	12.70	54.5	
3737	76 53	Königsberg, Lorek	Weisse, 802 B. Z. 239	18.34	16.2	
3738	72 61	Durham, Plummer	Glasgow Cat. I 3277	54.55	41.6	
3739	98 137	Pola, J. Palisa	Lund A. G. Z. 9 u. 11	57.58	28.3	
3740	98 253	Kremsmünster	Schjellerup 4660	15.81	22.9	
3741	72 113	Berlin, Romberg	M <sub>2</sub> 4678	49.37	44.4	Siehe Noten.
3742	111 177	Berlin, Knorre	A.N. 98 253 Mikr. Anschluss	55.24	24.5	
3743	74 247	Königsberg, Lorek	M <sub>2</sub> 4683	7.51	37.5	
3744	69 72	Berlin, Romberg	Santini, 1205	14.15	53.1	
3745	81 73	Berlin, Tietjen	Albany A. G. C. 4609	4.39	17.8	
3746	81 155	Leiden, Valentiner	Yarnall 5505	22.59	8.3	
3747	98 137	Pola, J. Palisa	B. D. 3573	24.2	0' 5	
3748	69 73	Berlin, Romberg	Weisse, 869 B. Z. 239	7.36	22" 6	
3749	110 284, 111 291	Washington	M <sub>2</sub> 4697	13.45	11.8	
3750	95 295	Pola, J. Palisa	B. D. 3594	34.8	24' 7	
3751	111 177 u. 223	Berlin, Knorre	B. D. 3631	38.4	27' 4	Bloss in Declin. scharf bestimmt. E. B. Siehe Noten.
3752	86 318	Leiden, Valentiner	Pulkowa Cat. 1875.0 2934	37.68	56' 0	
3753	69 73	Berlin, Romberg	Albany A. G. C. 4612	54.32	12.9	
3754	98 137	Pola, J. Palisa	M <sub>1</sub> 8742	59.15	25.3	
3755	98 43	Kremsmünster	Santini, 1497	59.14	23.8	
3756	95 295	Pola, J. Palisa	M <sub>2</sub> 4706	33.55	28.3	
3757	111 177	Berlin, Knorre	A.N. 98 253 Mikr. Anschluss	34.02	26.7	
3758	81 73	Berlin, Tietjen	Albany A. G. C. 4615	37.51	44.1	
3759	111 177, 108 185	Berlin, Knorre	Weisse, 1054 B. Z. 412	1.02	8.4	
3760	81 73	Berlin, Tietjen	B. D. 3523	4.1	18' 7	



NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
3761	— 9° 3601	9.7	10	9.7	79.37	75.0	12 <sup>h</sup> 54 <sup>m</sup> 15 <sup>s</sup> .44	2	+ 3.1244	+0.0008	+0.0009	— 9°26' 16"7	2	19.495	—0.115	+ 0.17
3762	+ 8 2668	9.5	9.6	9.5	67.30	67.0	54 23.26	2	3.0262	+0.0008	0.0009	+ 8 19 54.9	2	19.492	0.111	0.15
3763	— 6 3714	8.8	....	9	66.75	65.0	54 26.72	2	3.1089	+0.0083	0.0009	— 6 38 54.8	2	19.491	0.115	0.17
3764	» »	»	....	9.0	66.4	66.0	26.79	3	»	»	»	54.8	3	»	»	»
3765	+ 5 2702	7.3	....	7.0	68.3	68.0	54 47.55	4	3.0444	+0.0024	0.0009	+ 5 1 55.0	4	19.484	0.113	0.16
3766	+ 37 2350	8.7	....	9.2	80.39	80.0	55 4.74	2	2.8267	—0.0138	0.015	+37 38 58.3	2	19.478	0.106	0.13
3767	— 5 3615	9.6	....	9.6	?	70.0	55 21.58	1	3.1019	+0.0076	0.0009	— 5 17 38.5	1	19.472	0.116	0.17
3768	— 13 3644	8.5	....	9	72.32	72.0	56 19.28	2	3.1528	+0.0125	0.0009	—13 54 48.9	2	19.452	0.120	0.18
3769	+ 34 2379	9.4	9	9.4	76.85	75.0	56 25.58	4	2.8488	—0.0119	0.014	+34 26 34.7	3	19.450	0.110	0.15
3770	+ 23 2528	7.5	7.5	8	83.39	81.0	56 29.30	1	2.9296	—0.0064	0.011	+23 37 9.0	1	19.448	0.113	0.14
3771	+ 24 2529	8.5	8.5	9.0	82.35	81.0	56 29.59	2	2.9272	—0.0066	0.011	+23 58 13.2	2	19.448	0.113	0.14
3772	— 4 3405	8.7	....	9	70.26	70.0	56 30.71	2	3.1013	+0.0076	0.0009	— 5 5 41.4	2	19.448	0.119	0.17
3773	— 3 3397	9.0	....	9	70.28	70.0	56 34.02	2	3.0913	+0.0067	0.0009	— 3 20 21.0	2	19.446	0.118	0.17
3774	— 5 3618	9.0	9.1	8	73.27	73.0	56 44.05	1	3.1035	+0.0078	0.0009	— 5 27 1.0	1	19.443	0.119	0.17
3775	— 5 3619	8.2	8.5	8	73.78	73.0	56 54.16	2	3.1054	+0.0079	0.0009	— 5 45 35.6	2	19.439	0.119	0.17
3776	— 11 3425	9.1	9.5	9.3	80.33	80.0	57 9.61	3	3.1418	+0.0114	0.0009	—11 54 9.5	3	19.434	0.121	0.15
3777	» »	»	9	10	80.38	80.0	9.75	2	»	»	»	10.3	2	»	»	»
3778	+ 37 2356	9.2	9	9	80.41	80.0	57 25.02	2	2.8198	—0.0133	0.014	+37 17 21.4	2	19.428	0.110	0.15
3779	— 12 3751	8.5	9	9	80.38	80.0	59 0.67	2	3.1453	+0.0116	0.0009	—12 7 6.0	2	19.394	0.125	0.17
3780	» »	»	9	9	81.39	81.0	0.78	2	»	»	»	4.5	2	»	»	»
3781	— 3 3405	9.0	....	9.8	70.26	70.0	59 3.37	3	3.0933	+0.0069	0.0009	— 3 32 33.3	3	19.392	0.123	0.17
3782	+ 2 2620	9.3	....	9.0	66.75	65.0	59 8.09	2	3.0558	+0.0037	0.0009	+ 2 45 19.2	2	19.390	0.122	0.17
3783	+ 36 2336	8.7	8.7	8.8	80.3	79.0	59 14.94	3	2.8157	—0.0128	0.015	+36 53 21.6	2	19.388	0.113	0.13
3784	— 6 3733	8.8	....	9	66.38	65.0	59 30.08	2	3.1121	+0.0086	0.0009	— 6 37 31.3	2	19.382	0.125	0.17
3785	» »	»	....	9.0	66.4	66.0	30.23	4	»	»	»	29.8	3	»	»	»
3786	— 4 3418	8.0	8.0	8.0	83.22	80.0	59 36.35	2	3.0991	+0.0074	0.0009	— 4 27 49.0	2	19.380	0.124	0.17
3787	— 3 3406	8.3	....	8	70.31	70.0	59 47.06	3	3.0942	+0.0070	0.0009	— 3 38 17.1	3	19.376	0.125	0.17
3788	+ 4 2692	8.5	....	8.5	68.3	68.0	59 53.31	2	3.0444	+0.0029	0.0009	+ 4 36 59.0	2	19.373	0.123	0.16
3789	— 3 3407	8.5	....	8	70.30	70.0	13 0 1.84	2	3.0945	+0.0070	0.0009	— 3 40 16.0	2	19.370	0.125	0.17
3790	+ 2 2628	9.5	8.7	9.5	70.26	70.0	1 30.08	1	3.0563	+0.0039	0.0009	+ 2 35 0.0	1	19.336	0.126	0.16
3791	— 16 3604	9.2	9	9	75.38	80.0	1 51.09	1	3.1797	+0.0145	0.0009	—16 46 19.4	1	19.328	0.132	0.18
3792	— 6 3742	8.2	8.6	9	73.29	73.0	1 57.66	1	3.1138	+0.0087	0.0009	— 6 38 34.4	1	19.326	0.130	0.17
3793	— 9 3631	10	10	10	79.34	75.0	2 1.19	1	3.1349	+0.0105	0.0009	— 9 56 56.9	1	19.324	0.130	0.17
3794	— 1 2777	8.5	....	8	70.26	70.0	2 3.90	2	3.0848	+0.0063	0.0009	— 2 0 42.6	2	19.323	0.129	0.17
3795	— 5 3641	8.5	....	8.5	82.3	82.0	2 22.79	..	3.1086	+0.0082	0.0009	— 5 46 26.0	..	19.316	0.130	0.17
3796	+ 6 2697	6.8	7.0	7.0	74.35	74.0	2 30.3	..	3.0350	+0.0024	0.0009	+ 5 53 54.4	1	19.313	0.127	0.16
3797	— 10 3619	10	10	10	79.36	75.0	2 41.26	2	3.1376	+0.0107	0.0009	—10 15 53.7	2	19.309	0.132	0.17
3798	— 3 3417	9.0	8.8	10	71.30	71.0	2 42.64	2	3.0974	+0.0073	0.0009	— 3 59 14.9	2	19.308	0.130	0.17
3799	— 7 3553	8.2	....	8.2	66.39	65.0	3 6.05	2	3.1176	+0.0090	0.0009	— 7 6 48.5	2	19.299	0.132	0.17
3800	— 6 3750	7.2	8	8	66.39	65.0	3 16.48	3	3.1169	+0.0089	0.0009	— 6 59 16.6	3	19.295	0.132	0.17



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3761	95 295	Pola, J. Palisa	B. D. 3601	15 <sup>s</sup> 4	26' 0	Siehe Note zu Nr. 3737.
3762	71 175, 70 121	Leipzig, Engelmann	B. B. VI 2668	22.94	53''1	
3763	69 73	Berlin, Romberg	Weisse, 914, B. Z. 239	27.07	54.1	
3764	78 63	Königsberg, Lorek	v. Kuffner's Zone 40 u. 43	26.50	55.1	
3765	74 247	Königsberg, Lorek	Albany A. G. C. 4622	47.56	57.9	
3766	98 137	Pola, J. Palisa	Lund A. G. Z. 9 u. 11	4.68	0.5	
3767	81 73	Berlin, Tietjen	B. D. 3615	21.9	17' 5	
3768	81 155	Leiden, Valentiner	Santini, 1213	19.18	49''8	
3769	92 371	Pola, J. Palisa	B. D. 2379	27.2	26' 9	
3770	111 177, 108 185	Berlin, Knorre	Weisse, 1100, B. Z. 412	29.45	13''8	Berlin A.G.C.B. 4672 29 <sup>s</sup> .34, 10''0; 8 <sup>m</sup> .2 Dupl. maj. nach Berlin.
3771	108 185	Pulkowa, Romberg	Berlin A. G. C. B. 4673	29.61	14.1	Siehe Note zu Nr. 3737.
3772	76 318	Leiden, Valentiner	Weisse, 951, B. Z. 239	30.95	41.8	
3773	81 73	Berlin, Tietjen	Schjellerup 4710	34.00	21.8	Siehe Note zu Nr. 3737.
3774	84 179	Leipzig, Engelmann	Weisse, 956, B. Z. 239	44.93	4.3	
3775	84 179	Leipzig, Engelmann	M <sub>1</sub> 8827	54.59	34.4	
3776	98 243, 101 203	Berlin, Küstner	M <sub>2</sub> 4732	9.60	10.7	
3777	98 137	Pola, J. Palisa	M <sub>1</sub> 8833	9.72	8.6	
3778	98 137	Pola, J. Palisa	B. D. 2356	24.5	17' 5	
3779	98 137	Pola, J. Palisa	M <sub>1</sub> 8859	0.66	4''7	
3780	102 297	Berlin, Leman	Santini, 1507	0.70	6.7	
3781	81 73	Berlin, Tietjen	M <sub>2</sub> 4742	3.29	30.4	Siehe Note zu Nr. 3737.
3782	69 73	Berlin, Romberg	Albany A. G. C. 4640	8.01	19.7	
3783	100 249	Königsberg, Rahts	Lund A. G. Z. 218 u. 221	15.18	18.6	
3784	69 73, 70 94	Berlin, Romberg	Weisse, 1006, B. Z. 239	30.11	31.8	
3785	78 63	Königsberg, Lorek	v. Kuffner's Zone 42	29.81	33.3	
3786	111 177 u. 224	Berlin, Knorre	KarlsruheBeob. Heft II p. 210	36.40	49.6	
3787	76 318	Leiden, Becker	Schjellerup 4727	47.07	15.8	
3788	74 247	Königsberg, Lorek	Albany A. G. C. 4642	53.25	1.8	
3789	76 318	Leiden, Valentiner	Schjellerup 4730	2.02	40' 6	
3790	79 75	Leipzig, Engelmann	B. D. 2628	29.5	35' 1	Schj. 3 genähert. M <sub>1</sub> 8878 1 <sup>s</sup> .60, 12''0; 9 <sup>m</sup> .
3791	88 23	Berlin, Becker	Arg.-Weiss 10367	50.83	15''1	Siehe Note zu Nr. 3737. Zeigt E. B. siehe Noten.
3792	84 179	Leipzig, Engelmann	Weisse, 1048, B. Z. 239	58.59	38.7	
3793	95 295	Pola, J. Palisa	B. D. 3631	2.0	56' 8	
3794	81 73	Berlin	Schjellerup 4739	3.84	39''6	
3795	105 382	Wien	B. D. 3641	22.7	46' 7	
3796	86 318	Leiden, Valentiner	Pulkowa Cat. 1875.0, 2970	30.70	54''1	
3797	95 295	Pola, J. Palisa	B. D. 3619	41.1	16' 0	
3798	79 76	Leipzig, Engelmann	M <sub>1</sub> 8925	41.86	15''9	
3799	69 73, 70 101	Berlin, Romberg	Carleton Cat. 444	6.00	49.9	
3800	69 73, 67 250	Berlin, Romberg	Weisse, 13, B. Z. 239	16.71	14.6	Siehe Note zu Nr. 3737.

{ E. B. + 0<sup>s</sup>.0054 — 0''715 Pulkowa = Argel.  
 » + 0.0038 — 0.713, Stumpe A. N. 125, 407.  
 » + 0.004 — 0.72, Porter Prop. Mot. 749. S. Noten.

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3.Glied.			Var. annua.	Var. saec.	3.Glied.
3801	— 6° 3750	7.2	....	8	66.4	66.0	18 <sup>h</sup> 3 <sup>m</sup> 16 <sup>s</sup> 61	3	+ 3 <sup>s</sup> 1169	+ 0 <sup>s</sup> 0089	+ 0 <sup>s</sup> 009	— 6° 59' 16" 8	3	19 <sup>m</sup> 295	+ 0.132	+ 0.17
3802	— 0 2662	9.0	....	9.0	70.28	70.0	3 29.68	2	3.0769	+ 0.0057	0.009	— 0 44 11.5	2	19.289	0.131	0.16
3803	+ 20 2802	7.8	7.8	7.8	?	81.0	3 36.81	..	2.9331	— 0.0045	0.010	+ 20 48 2.0	..	19.287	0.125	0.14
3804	+ 16 2469	7.9	8.5	8	73.37	73.0	3 51.05	2	2.9611	— 0.0027	0.009	+ 16 48 52.3	2	19.281	0.127	0.15
3805	— 3 3420	9.0	....	9.0	70.29	70.0	4 31.32	2	3.0963	+ 0.0072	0.009	— 3 42 34.0	2	19.265	0.134	0.17
3806	— 1 2781	8.5	....	8.5	69.4	70.0	4 31.59	3	3.0856	+ 0.0064	0.009	— 2 3 49.4	3	19.265	0.133	0.17
3807	— 7 3558	8.9	....	8.9	67.13	65.0	4 48.79	1	3.1211	+ 0.0092	0.009	— 7 27 22.4	1	19.258	0.134	0.17
3808	— 7 3559	9.0	....	8.9	66.4	66.0	4 52.87	4	3.1191	+ 0.0091	0.009	— 7 8 45.0	3	19.256	0.135	0.17
3809	+ 10 2519	8.5	....	...	84.24	84.0	5 9.99	3	3.0042	+ 0.0005	0.009	+ 10 16 57.2	3	19.249	0.131	0.15
3810	+ 20 2805	9.0	9.0	9	82.2	81.0	5 21.53	2	2.9316	— 0.0043	0.010	+ 20 30 3.7	2	19.244	0.128	0.14
3811	+ 20 2806	8.3	8.3	8-9	82.2	81.0	5 29.17	2	2.9315	— 0.0042	0.010	+ 20 28 52.6	2	19.241	0.129	0.14
3812	— 2 3645	9.4	....	9	70.30	70.0	5 37.13	2	3.0875	+ 0.0066	0.009	— 2 18 26.6	2	19.238	0.135	0.16
3813	— 7 3563	8.8	....	8.5	67.13	65.0	5 55.59	1	3.1232	+ 0.0094	0.009	— 7 39 1.4	1	19.230	0.137	0.17
3814	+ 36 2346	8.8	....	9.0	75.18	75.0	6 4.03	2	2.7967	— 0.0115	0.014	+ 35 56 21.8	2	19.227	0.124	0.15
3815	— 6 3765	8.9	....	8.9	73.27	70.0	6 13.24	2	3.1188	+ 0.0090	0.009	— 6 58 3.1	2	19.223	0.138	0.17
3816	+ 2 2642	9.2	9	9.3	67.76	65.0	6 27.31	2	3.0536	+ 0.0041	0.009	+ 2 47 41.9	2	19.217	0.135	0.16
3817	— 8 3508	8.5	....	9	66.4	66.0	6 42.44	3	3.1280	+ 0.0097	0.009	— 8 16 4.7	3	19.211	0.139	0.17
3818	— 4 3439	8.0	7.9	8	70.26	70.0	6 43.49	2	3.1015	+ 0.0077	0.009	— 4 21 22.9	2	19.210	0.138	0.17
3819	+ 20 2809	7.5	7.5	7-8	83.39	80.0	6 48.11	2	2.9280	— 0.0042	0.010	+ 20 34 58.0	2	19.208	0.131	0.14
3820	— 0 2671	9.0	....	9	70.30	70.0	7 17.07	2	3.0783	+ 0.0059	0.009	— 0 54 7.9	2	19.196	0.138	0.16
3821	» »	»	....	9.0	70.25	70.0	17.12	2	»	»	»	8.7	2	»	»	»
3822	— 17 3797	9.3	9.5	9.3	75.32	80.0	7 21.56	1	3.1934	+ 0.0151	0.009	— 17 22 13.3	1	19.194	0.143	0.18
3823	— 2 3653	8.2	....	8	70.29	70.0	7 38.37	2	3.0868	+ 0.0066	0.009	— 2 8 37.7	2	19.187	0.139	0.16
3824	— 4 3444	9.3	9.1	9	70.26	70.0	7 57.91	2	3.1021	+ 0.0077	0.009	— 4 21 45.1	2	19.179	0.140	0.17
3825	— 10 3635	7.5	6.9	8.2	74.37	74.0	8 23.1.	..	3.1465	+ 0.0112	0.009	— 10 41 46.3	4	19.168	0.143	0.17
3826	— 0 2672	8.7	....	8.7	70.26	70.0	8 55.59	1	3.0797	+ 0.0061	0.009	— 1 5 2.1	1	19.154	0.141	0.17
3827	+ 16 2486	7.5	....	8	85.2	84.0	9 10.10	2	2.9518	— 0.0023	0.009	+ 16 51 21.2	2	19.148	0.136	0.14
3828	+ 36 2352	6.8	8	6.5	80.38	80.0	9 22.31	2	2.7816	— 0.0111	0.014	+ 36 6 25.4	2	19.143	0.129	0.15
3829	+ 34 2408	8.0	8.0	7-8	80.3	79.0	9 50.73	3	2.7930	— 0.0105	0.014	+ 34 50 41.2	1	19.130	0.130	0.15
3830	» »	»	....	8.0	80.41	80.0	50.75	3	»	»	»	38.9	3	»	»	»
3831	+ 73 587	6.8	7	6.8	75.55	80.0	9 57.10	2	1.7192	— 0.0052	0.016	+ 73 27 42.5	2	19.127	0.083	0.04
3832	+ 17 2611	7.0	7.0	7	83.4	81.0	10 38.49	..	2.9429	— 0.0026	0.009	+ 17 41 11.2	..	19.109	0.138	0.14
3833	— 6 3780	9.5	10	9.5	74.37	70.0	10 50.47	2	3.1180	+ 0.0089	0.008	— 6 24 45.4	2	19.104	0.146	0.17
3834	— 1 2796	9.4	....	...	68.3	68.0	11 37.89	3	3.0843	+ 0.0065	0.008	— 1 41 4.9	3	19.083	0.146	0.16
3835	— 8 3527	8.8	....	8.8	66.4	66.0	11 45.92	3	3.1369	+ 0.0103	0.008	— 8 55 5.3	3	19.079	0.149	0.17
3836	» »	»	....	8.7	67.13	65.0	45.94	1	»	»	»	4.1	1	»	»	»
3837	— 11 3486	7.5	7.8	7-8	80.34	80.0	12 14.90	4	3.1555	+ 0.0117	0.008	— 11 21 23.8	4	19.066	0.151	0.17
3838	— 1 2798	8.9	....	9	68.3	68.0	12 29.00	3	3.0858	+ 0.0067	0.008	— 1 52 21.5	3	19.060	0.148	0.16
3839	— 8 3533	8.8	....	9	66.4	66.0	12 37.72	2	3.1345	+ 0.0101	0.008	— 8 30 12.0	2	19.056	0.150	0.17
3840	— 9 3664	8.7	....	8.6	67.13	65.0	13 3.50	1	3.1396	+ 0.0105	0.008	— 9 8 4.1	1	19.044	0.152	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3801	73 63	Königsberg, Lorek	Santini, — 6° 252	168.75	21"3	v. Kuffnersche Sternw., Zone 42, 16 <sup>s</sup> .19, 17"6; 7 <sup>m</sup> .0.
3802	81 73	Berlin, Tietjen	Göttingen Cat. I 3956-7	29.57	12.6	
3803	108 185	Berlin	Pulkowa Cat. 1875.0 2973	36.72	2.2	Berl. A. G. C. B. 4710, 36 <sup>s</sup> .70, 2"3; 8 <sup>m</sup> .3. Siehe Noten.
3804	83 135	Wien, Holetschek	Weisse, 30 B. Z. 360	50.94	53.2	
3805	76 318	Leiden, Valentiner u. [Becker]	B. D. 3420	31.5	42'6	
3806	76 53	Königsberg, Lorek	Göttingen Cat. I 3958-9	31.59	49"6	
3807	69 73	Berlin, Romberg	B. D. 3558	49.1	27'2	
3808	73 63	Königsberg, Lorek	Carleton Cat. 446	52.71	43"3	
3809	111 103	Pulkowa, Romberg	Göttingen Cat. II 3388	10.80	52.5	S. Noten { E. B. — 0 <sup>s</sup> .0348 + 0"229, Glasg. II 91. » — 0.0338 + 0.316, Stumpe A. N. 125, 407. » — 0.033 + 0.25, Porter Prop. Mot. 752.
3810	105 183, 108 185	Königsberg	Weisse, 54, B. Z. 362	21.49	58.8	Berlin A. G. C. B. 4714, 21 <sup>s</sup> .49, 1"1; 8 <sup>m</sup> .8.
3811	105 183, 108 185	Königsberg	Weisse, 67 B. Z. 362	28.93	47.4	Berl. A. G. C. B. 4716, 29 <sup>s</sup> .02, 51"2; 8 <sup>m</sup> .2. Siehe Noten.
3812	81 73	Berlin, Tietjen	M <sub>1</sub> 8972	36.85	22.4	
3813	69 73	Berlin, Romberg	Schjellerup 4748	55.39	1.9	
3814	86 111	Hamburg, Lindstedt	Lund A. G. Z. 219 u, 222	4.21	23 7	
3815	84 244	Berlin, Tietjen	v. Kuffner's Zone 42	13.10	3.8	
3816	69 73	Berlin, Romberg	Albany A. G. C. 4666	27.32	43.8	(Siehe Noten).
3817	73 63	Königsberg, Lorek	M <sub>1</sub> 8992	42.37	2.5	
3818	79 75	Leipzig, Engelmann	Glasgow Cat. I 3337	43.39	24.9	E. B. { + 0 <sup>s</sup> .0078 — 0"02, Porter Prop. Mot. 756. + 0.0154 — 0.078, Stumpe A. N. 125, 407. + 0.0127 — 0.052, Glasg. Cat. II, 92.
3819	111 177, 108 185	Berlin, Knorre	Weisse, 87 u. 88 B. Z. 460 u. 467	48.35	1.8	Berl. A. G. C. B. 4726, 48 <sup>s</sup> .17, 58"1; 7 <sup>m</sup> .9.
3820	76 318	Leiden, Valentiner	Trettenero 528	16.94	9.2	
3821	81 73	Berlin, Tietjen	Göttingen Cat. I 3970-1	16.87	9.1	
3822	88 23	Berlin, Becker	B. D. 3797	21.2	22'0	
3823	81 73	Berlin, Tietjen	Glasgow Cat. I 3341	38.27	37"9	
3824	79 75, 76 59	Leipzig, Engelmann	Weisse, 97 B. Z. 81	58.38	48.0	Göttingen II 3405, 57 <sup>s</sup> .99, 44"6; Siehe Noten Blos in $\delta$ genau bestimmt.
3825	86 318	Leiden, Valentiner	Pulkowa Cat. 1875.0 2991	23.30	46.8	E. B. — 0 <sup>s</sup> .0161 — 0"287, nach Pulkowa = Argel. 131.
3826	76 318 u. 315	Leiden, Valentiner	Göttingen Cat. I 3978-9	55.89	3.3	» — 0.0177 — 0.286, Stumpe A. N. 125, 407.
3827	111 290	Wien	Weisse, 138 B. Z. 361	10.36	12.7	» — 0.017 — 0.33, Porter Prop. Mot. 759.
3828	98 137	Pola, J. Palisa	Lund A. G. Z. 206 u. 209	22.24	27.0	Siehe Noten.
3829	100 249	Königsberg, Rahts	Weisse, 156 B. Z. 409	51.07	45.5	
3830	98 137	Pola, J. Palisa	Leiden A. G. Z. 183, 191	50.86	39.1	
3831	88 23	Berlin, Becker	Dorpat A. G. Z. XVIII (47)	57.10	43.3	
3832	108 187 u. 185	Berlin	Weisse, 177 B. Z. 361	36.05	22.3	E. B. + 0 <sup>s</sup> .0499 — 0"2812 nach A. N. 108, 187.
3833	86 213	Berlin, Becker	B. D. 3780	51.2	24'8	
3834	74 247	Königsberg, Lorek	Rümker 4252	37.72	7"9	
3835	73 63	Königsberg, Lorek	Küstner 423	45.74	3.6	
3836	69 73	Berlin, Romberg	B. B. VI p. 330	45.75	4.9	
3837	98 243	Berlin, Küstner	Santini, 1533	15.08	23.8	M <sub>1</sub> 9070 14 <sup>s</sup> .83, 19"9; 6 <sup>m</sup> .
3838	74 247	Königsberg, Lorek	Schjellerup 4772	28.81	17.8	
3839	73 63	Königsberg, Lorek	M <sub>1</sub> 9077	37 60	5.2	Siehe Noten.
3840	69 73	Berlin, Romberg	B. B. VI p. 330	3.59	5.8	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
3841	— 8° 3536	8.3	....	8-9	66.4	66.0	13h 13m 15s 06	1	+ 3.81346	+0.0101	+0.0008	— 8° 26' 52" 2	1	19.038	+0.152	+0.17
3842	+ 35 2436	9.0	9.0	8.6	74.35	74.0	13 43.8	..	2.7674	—0.0105	0.013	+35 47 41.9	1	19.025	0.136	0.12
3843	+ 17 2616	9.2	9.2	9	83.39	80.0	13 49.56	1	2.9403	—0.0023	0.009	+17 19 7.8	1	19.023	0.144	0.14
3844	— 4 3461	9.6	....	9.6	73.34	70.0	13 50.41	1	3.1058	+0.0081	0.008	— 4 31 46.4	1	19.022	0.151	0.17
3845	— 4 3464	8.4	....	9	66.4	66.0	14 31.41	4	3.1097	+0.0084	0.008	— 5 0 30.7	4	19.003	0.153	0.17
3846	— 13 3692	6.5	....	7	66.40	65.0	15 28.14	1	3.1782	+0.0132	0.009	—13 45 46.8	1	18.977	0.158	0.15
3847	.....	...	9	...	75.83	80.0	15 31.33	1	1.6407	+0.0001	0.007	+73 11 7.1	1	18.975	0.086	0.04
3848	+ 48 2111	6.5	6.5	6.7	74.36	74.0	15 44.6	..	2.5918	—0.0154	0.017	+47 55 32.0	9	18.969	0.131	0.10
3849	— 5 3678	7.2	....	6.9	66.42	65.0	16 1.73	1	3.1145	+0.0087	0.008	— 5 32 29.3	1	18.961	0.156	0.17
3850	+ 3 2764	9.0	9.0	9.2	83.41	80.0	16 9.06	1	3.0489	+0.0044	0.008	+ 3 4 3.8	1	18.957	0.153	0.15
3851	— 8 3544	8.3	....	8.5	67.16	65.0	16 52.41	2	3.1400	+0.0104	0.008	— 8 45' 1	..	18.937	0.159	0.17
3852	+ 4 2735	9.2	9.2	9.3	83.39	80.0	16 55.78	2	3.0385	+0.0038	0.008	+ 4 22 58.6	2	18.935	0.154	0.15
3853	+ 4 2736	9.0	9.0	9.2	83.39	80.0	17 23.52	2	3.0396	+0.0039	0.008	+ 4 13 12.2	2	18.922	0.155	0.15
3854	.....	...	....	9.2	75.38	80.0	17 59.00	1	1.5944	+0.0031	0.002	+73 11 57.9	1	18.904	0.086	0.04
3855	— 5 3684	8.5	....	9	66.4	66.0	18 1.80	4	3.1155	+0.0088	0.008	— 5 32 11.3	4	18.903	0.160	0.17
3856	+ 6 2737	9.0	9	9	80.34	80.0	18 20.38	3	3.0226	+0.0030	0.008	+ 6 19 5.6	3	18.894	0.156	0.15
3857	» » »	....	9	9	80.30	80.0	20.40	3	»	»	»	5.9	3	»	»	»
3858	— 15 3661	9.1	....	9	67.13	65.0	18 38.35	1	3.2009	+0.0147	0.009	—15 57 35.1	1	18.885	0.165	0.18
3859	— 8 3550	7.2	8	8	74.32	70.0	18 41.86	2	3.1366	+0.0102	0.008	— 8 8 2.9	2	18.883	0.162	0.17
3860	+ 80 409	8.9	....	8.9	81.8	81.0	19 9.47	3	0.4810	+0.1177	—0.306	+80 5 28.7	3	18.870	0.032	0.10
3861	— 16 3658	7.0	....	6.9	67.19	65.0	19 24.54	1	3.2043	+0.0149	+0.009	—16 12 36.0	1	18.862	0.167	0.18
3862	— 3 3468	9.0	9	9	80.41	80.0	20 9.62	2	3.1026	+0.0080	0.008	— 3 47 42.4	2	18.840	0.163	0.17
3863	— 5 3693	8.3	8.5	8.2	80.21	75.0	20 15.87	5	3.1176	+0.0089	0.008	— 5 39 3.6	5	18.837	0.164	0.17
3864	» » »	....	8-9	66.4	66.0		15.92	4	»	»	»	3.9	4	»	»	»
3865	» » »	....	8-9	66.40	65.0		15.96	1	»	»	»	3.2	1	»	»	»
3866	— 7 3618	9.0	9	...	77.34	75.0	20 56.14	2	3.1372	+0.0102	0.008	— 7 59 18.4	2	18.817	0.166	0.17
3867	» » »	....	...	74.35	74.0		56.28	2	»	»	»	16.7	2	»	»	»
3868	— 8 3559	8.7	....	9	74.37	74.0	20 56.62	5	3.1417	+0.0104	0.008	— 8 32 34.7	5	18.816	0.166	0.17
3869	» » »	9	9.5	79.39	75.0		56.71	1	»	»	»	33.6	1	»	»	»
3870	— 6 3819	8.0	....	8.5	67.13	65.0	21 10.44	1	3.1223	+0.0090	0.008	— 6 10 1.0	1	18.809	0.166	0.17
3871	— 10 3680	9.0	9	9.0	79.37	75.0	21 36.41	1	3.1555	+0.0114	0.008	—10 7 38.8	1	18.796	0.168	0.17
3872	— 10 3681	8.8	9	10	79.34	75.0	21 42.56	1	3.1579	+0.0115	0.008	—10 23 50.8	1	18.793	0.165	0.17
3873	» » »	9	9.0	78.34	75.0		42.72	1	»	»	»	50.5	1	»	»	»
3874	— 10 3682	9.5	9	9.5	79.39	75.0	21 48.02	1	3.1629	+0.0119	0.008	—10 58 42.3	1	18.790	0.169	0.17
3875	— 10 3683	9.2	9	9.2	78.40	75.0	21 51.32	1	3.1570	+0.0115	0.008	—10 16 52.8	1	18.789	0.169	0.17
3876	— 9 3700	10	10	10	79.36	75.0	21 54.91	1	3.1547	+0.0113	0.008	— 9 59 40.6	1	18.787	0.169	0.17
3877	+ 33 2340	8.7	9	8.7	80.38	80.0	21 58.48	2	2.7607	—0.0085	0.012	+33 38 49.4	2	18.785	0.149	0.12
3878	— 10 3705	...	9	10.0	78.35	75.0	21 59.85	1	3.1587	+0.0116	0.008	—10 27 51.6	1	18.784	0.169	0.17
3879	— 3 3476	8.0	9	9	80.41	80.0	22 13.68	2	3.1036	+0.0081	0.008	— 3 49 0.5	2	18.777	0.167	0.17
3880	+ 14 2621	5.5	5.5	5.2	82.20	81.0	22 18.76	..	2.9512	—0.0003	0.009	+14 26 45.1	..	18.775	0.159	0.14

NUM- MER	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3841	73 63	Königsberg, Lorek	Weisse, 196 B. Z. 241 u. 244	15.07	53"3	M <sub>1</sub> 9085, 14 <sup>s</sup> .97, 50".0; 8 <sup>m</sup> . Siehe Noten. Bloss in $\delta$ genau bestimmt. Siehe Noten. E.B. + 0 <sup>s</sup> .0314 — 0".841, Stumpe A. N. 125, 407. » + 0.0313 — 0.885, Argel. N <sup>o</sup> . 133. » + 0.033 — 0.83, Porter N <sup>o</sup> . 764, S. 243.
3842	86 318	Leiden, Valentiner	Lund A. G. Z. 206 u. 209	44.76	36.4	
3843	111 178, 108 185	Berlin, Knorre	Weisse, 240, B. Z. 361	49.84	5.4	
3844	84 244	Berlin, Tietjen	B. D. 3461	50.9	32'3	
3845	73 63	Königsberg, Lorek	Schjellerup 4781	31.54	31"6	
3846	69 73	Berlin, Romberg	Santini, 1235	27.84	44.3	Siehe Noten. Siehe Noten. Bloss in $\delta$ genau bestimmt. Bonn A. G. C. 8928, 44 <sup>s</sup> .33, 31".1; 6 <sup>m</sup> .6.
3847	88 23	Berlin, Becker	Leiden Mikrom. Anschluss	31.1	11'3	
3848	86 318	Leiden, Valentiner	Greenw. 9 Year Cat. 1222	44.24	32"0	
3849	69 73, 67 250	Berlin, Romberg	Cordoba G. C. 18206	1.63	33.1	
3850	111 177	Berlin, Knorre	Albany A. G. C. 4706	9.08	5.5	
3851	69 73	Berlin, Romberg	Schjellerup 4793	52.13	6.9	Siehe Noten. Siehe Note zu Nr. 3737.
3852	111 177	Berlin, Knorre	M <sub>2</sub> 4861	55.54	58.9	
3853	111 177	Berlin, Knorre	Albany A. G. C. 4710	23.54	13.2	
3854	88 23	Berlin, Becker	Leiden Mikrom. Anschluss	58.9	12'9	
3855	73 63	Königsberg, Lorek	Weisse, 269 B. Z. 239	1.90	9.7	
3856	98 243	Berlin, Küstner	M <sub>1</sub> 9156	20.68	4.0	Siehe Note zu Nr. 3737. Lalande 24879, 15 <sup>s</sup> .47, 5".3; 8-9.
3857	111 55, 101 201	Hamburg, Schrader	Weisse, 274 B. Z. 83	20.38	3.8	
3858	69 73	Berlin, Romberg	Argel-Weiss 10537	38.05	34.1	
3859	84 235, 85 293	Berlin, Knorre	Weisse, 280 B. Z. 241	42.10	0.0	
3860	111 91	Königsberg, Rahts	B. D. 409	13.6	5'8	
3861	69 73	Berlin, Romberg	Cordoba G. C. 18283	24.43	33"1	Siehe Note zu Nr. 3737.
3862	98 137	Pola, J. Palisa	Schjellerup 4808	9.25	42.1	
3863	110 291	Leiden, E. Bakhuyzen [Stieltjes, Wilterdink]	Yarnall 5651	15.86	4.2	
3864	73 63	Königsberg, Lorek	Weisse, 304 B. Z. 239	15.77	6.7	
3865	69 73, 67 250	Berlin, Romberg	Lal. Bossert 1961	16.10	57.9	
3866	92 371	Pola, J. Palisa	A. N. 88 302 Mikr. Anschluss	56.19	16.6	A. N. A. R. — 10 <sup>s</sup> corrigirt; siehe Noten.
3867	86 316	Leiden, Valentiner	.....	.....	.....	
3868	86 316	Leiden, Valentiner	M <sub>1</sub> 9186	56.70	30.5	
3869	95 295	Pola, J. Palisa	M <sub>2</sub> 4880	56.49	36.1	
3870	69 73	Berlin, Romberg	Schjellerup 4813	10.59	2.3	
3871	95 295	Pola, J. Palisa	B. D. 3680	36.1	7'7	A. N. A. R. + 1 <sup>m</sup> corrigirt. Siehe Noten.
3872	95 295	Pola, J. Palisa	M <sub>1</sub> 9194	42.65	52"7	
3873	98 201	Pola, J. Palisa	M <sub>2</sub> 4884	42.69	52.1	
3874	95 295	Pola, J. Palisa	B. D. 3682	47.9	59'1	
3875	98 201	Pola, J. Palisa	B. D. 3683	51.9	16.9	
3876	95 295	Pola, J. Palisa	B. D. 3700	55.7	59.4	E. B. — 0 <sup>s</sup> .0180 — 0".566, Stumpe A. N. 125, 407. E. B. — 0.018 — 0.58, Porter Prop. Mot. 774.
3877	98 137	Pola, J. Palisa	Leiden A. G. Z. 48	58.37	49"7	
3878	98 201	Pola, J. Palisa	M <sub>2</sub> 4887	59.74	53.8	
3879	98 137	Pola, J. Palisa	Schjellerup 4820	13.73	59.9	
3880	108 185	Cap	Greenwich 10 Year Cat, 2084	18.90	45.7	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
3881	+ 14°2621	5.5	5.5	5.5	83.29	83.0	13 <sup>h</sup> 22 <sup>m</sup> 18 <sup>s</sup> 78	2	+ 28 9512	-0.0003	-0.009	+14°26' 44" 3	2	18.775	+0' 159	+ 0' 14
3882	+ 16 2514	8.3	8.0	8-9	73.37	73.0	22 22.35	1	2.9306	-0.0014	0.009	+16 45 58.3	1	18.773	0.158	0.14
3883	+ 14 2622	8.8	8.8	8.5	83.29	83.0	22 31.74	2	2.9514	-0.0004	0.009	+14 22 55.7	2	18.768	0.160	0.14
3884	+ 34 2426	8.0	....	...	70.26	70.0	22 52.51	2	2.7493	-0.0087	0.012	+34 18 54.9	2	18.757	0.150	0.12
3885	» »	»	8	...	80.41	80.0	52.59	2	»	»	»	54.2	2	»	»	»
3886	+ 14 2625	8.8	8.8	9	83.39	80.0	23 15.27	2	2.9546	-0.0001	0.009	+13 54 35.0	2	18.746	0.161	0.14
3887	+ 1 2819	7.1	....	7.4	77.13	65.0	23 25.20	1	3.0577	+0.0054	0.008	+ 1 44 44.6	1	18.740	0.167	0.16
3888	.....	...	11.0	12	70.30	70.0	24 17.87	1	3.1666	+0.0120	0.008	-11 6 25.6	1	18.713	0.174	0.17
3889	- 9 3705	9.4	9.5	9.4	80.38	80.0	25 7.94	1	3.1516	+0.0110	0.008	- 9 16 2.5	1	18.687	0.175	0.17
3890	- 9 3706	8.2	8	7-8	80.36	80.0	25 13.87	3	3.1545	+0.0112	0.008	- 9 36 47.0	3	18.683	0.175	0.17
3891	- 11 3532	8.9	....	..	66.39	65.0	25 19.53	1	3.1733	+0.0124	0.008	-11 44 10.8	1	18.680	0.176	0.17
3892	- 1 2832	7.5	7.3	7.5	74.36	74.0	25 21.1.	..	3.0865	+0.0071	0.008	- 1 40 55.3	1	18.679	0.172	0.16
3893	+ 33 2344	8.1	....	8.1	?	79.0	25 28.19	2	2.7540	-0.0080	0.012	+33 9 33.0	2	18.676	0.154	0.
3894	- 10 3699	8.8	9	9	79.37	75.0	25 28.62	2	3.1635	+0.0118	0.008	-10 36 33.5	2	18.675	0.176	0
3895	- 11 3535	7.8	8	8.2	80.34	80.0	25 47.13	4	3.1763	+0.0126	0.008	-12 1 8.2	4	18.665	0.177	7
3896	» »	»	....	8	66.40	65.0	47.25	2	»	»	»	6.6	2	»	»	»
3897	- 9 3711	5.8	6	6	80.38	80.0	26 23.13	3	3.1548	+0.0112	0.008	- 9 31 12.6	3	18.646	0.177	17
3898	- 17 3853	8.5	9.0	8.5	73.34	73.0	26 44.76	2	3.2315	+0.0162	+0.009	-17 52 6.2	2	18.635	0.182	0.19
3899	+ 79 424	9.3	....	...	82.35	81.0	26 53.36	2	0.3684	+0.1228	-0.301	+79 37 45.0	2	18.630	0.028	0.12
3900	» »	»	9.3	...	83.69	80.0	53.40	2	»	»	»	44.2	2	»	»	»
3901	» »	»	»	...	81.8	81.0	53.91	3	»	»	»	42.7	2	»	»	»
3902	+ 1 2826	8.4	8	8.4	67.13	65.0	27 7.03	1	3.0581	+0.0056	+0.008	+ 1 37 52.7	1	18.623	0.173	0.16
3903	- 9 3715	9.6	9.3	9.3	67.19	65.0	27 45.01	1	3.1549	+0.0112	0.008	- 9 23 50.6	1	18.602	0.180	0.17
3904	- 8 3584	7.8	....	8.0	68.4	68.0	28 7.60	..	3.1469	+0.0107	0.008	- 8 27 56.7	..	18.590	0.180	0.17
3905	+ 32 2361	8.8	....	8.8	80.39	80.0	28 10.83	2	2.7563	-0.0073	0.011	+32 11 35.2	2	18.588	0.159	0.12
3906	- 16 3704	8.0	....	8-9	67.13	65.0	28 47.25	1	3.2198	+0.0152	0.009	-16 16 58.1	1	18.568	0.185	0.18
3907	- 14 3749	8.8	9	9	80.42	80.0	28 53.19	3	3.2001	+0.0140	0.009	-14 11 24.2	3	18.565	0.184	0.18
3908	- 12 3848	8.3	....	8	66.39	65.0	29 8.26	1	3.1878	+0.0132	+0.009	-12 50 16.7	1	18.556	0.184	0.18
3909	.....	...	9	...	75.83	80.0	29 39.23	1	1.4347	+0.0131	-0.014	+72 42 28.0	1	18.539	0.088	0.04
3910	- 18 3645	9.2	....	9.2	70.0?	70.0	30 42.83	1	3.2422	+0.0165	+0.008	-18 14 44.0	1	18.504	0.190	0.19
3911	- 5 3737	8.1	....	...	72.37	72.0	31 7.36	2	3.1268	+0.0095	0.007	- 6 0 51.7	2	18.490	0.184	0.16
3912	» »	»	....	8.8	68.4	71.0	7.38	..	»	»	»	53.6	..	»	»	»
3913	» »	»	8.5	8.8	71.38	68.0	7.39	2	»	»	»	52.0	2	»	»	»
3914	- 13 3737	7.8	8.9	8	77.34	75.0	31 20.13	2	3.2012	+0.0139	0.007	-13 57 17.6	2	18.483	0.189	0.18
3915	- 6 3855	8.7	9	9	80.15	75.0	32 0.36	4	3.1360	+0.0100	0.007	- 6 57 58.7	4	18.459	0.187	0.18
3916	- 13 3741	9.1	....	9	66.39	65.0	32 15.64	2	3.1948	+0.0135	0.007	-13 10 5.7	2	18.451	0.190	0.18
3917	+ 39 2663	7.2	7.5	7.2	74.37	74.0	32 35.6.	..	2.6340	-0.0096	0.012	+39 49 11.6	4	18.440	0.159	0.10
3918	+ 38 2465	8.6	....	8.6	75.18	75.0	32 37.82	2	2.6523	-0.0092	0.013	+38 37 5.6	2	18.438	0.160	0.11
3919	+ 11 2586	8.5	....	8.5	69.4	69.0	32 45.98	3	2.9614	+0.0013	0.008	+11 53 9.5	3	18.434	0.178	0.14
3920	- 9 3737	7.8	8	7	67.13	65.0	32 58.57	1	3.1603	+0.0114	0.007	- 9 28 43.5	1	18.426	0.190	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
3881	107 305	Leipzig, Peter	Pulkowa Cat. 1875.0, 3017	19 <sup>s</sup> 01	49" 0	E. B. nach Pulk. Cat. — 0 <sup>s</sup> .0180 — 0".569.
3882	83 135	Wien, Holetschek	Weisse, 415, B. Z. 360-1	22.46	55.6	Nach Bemerkung A. N. röthlich.
3883	107 305, 108 186	Leipzig, Peter	Brüssel Cat. 5467	31.66	56 8	
3884	81 73	Berlin, Tietjen	Leiden A. G. Z. 30, 33 u. 290	52.57	55.4	
3885	98 137	Pola, J. Palisa	A. N. 70 128, 74 195 Mikr. [Anschluss]	52.20	54.9	
3886	111 177	Berlin, Knorre	Weisse, 357 B. Z. 228	15.57	35.1	
3887	69 73	Berlin, Romberg	Albany A. G. C. 4734	24.97	43.5	E. B. nach Albany — 0 <sup>s</sup> .0072 — 0".155.
3888	79 75	Leipzig, Engelmann	Pariser Sternkarte Nr. 41	12	6'	
3889	98 243, 101 202	Berlin, Küstner	B. D. 3705	7.8	16' 0	Stern schwach.
3890	98 243, 101 202	Berlin, Küstner	Santini, — 10 294	14.11	40" 0	Zeigt E. B., cf. A. N. 101 206.
3891	69 73	Berlin, Romberg	A. N. 88 246 Mikr. Anschluss	19.34	14.0	{ Bloss in <i>j</i> genau bestimmt. E. B. — 0 <sup>s</sup> .059 + 0".23, Porter Prop. Mot. 775. E. B. — 0.0580 + 0.243, Stumpe A. N. 125. 407. E. B. — 0.0564 + 0.242, Argel. Nr. 137. A. N. vielleicht identisch mit Leiden A. G. Z.
3892	86 318	Leiden, Valentiner	Göttingen Cat. I 4020-1	20.88	58.5	
3893	98 131	Leiden	Leiden A. G. Z. 30, 33, 290	28.19	33.9	
3894	95 295	Pola, J. Palisa	Schjellerup 4836	28.69	32.4	
3895	98 243	Berlin, Küstner	Pulkowa Cat. 1875.0, 3030	47.13	8.4	
3896	72 113	Berlin, Romberg	M <sub>1</sub> 9261	47.17	8.2	
3897	98 243, 101 202	Berlin, Küstner	Glasgow Cat. I 3402	22.98	12.4	h Virginis.
3898	83 135 u. 187	Wien, Holetschek	B. D. 8383	45.3	52' 0	A. N. 83 187 $\delta$ um 1".4 nördlicher.
3899	Publication XVIII A. G.	Pulkowa, Romberg	A. N. 101 373 Mikr. Anschluss	52.30	43" 3	Controlestern.
3900	111 177 u. 221	Berlin, Knorre	» 101 382 » »	53.32	38.3	
3901	111 91	Königsberg, Rahts	Kasan A. G. Z. Vol. I p. 126	53.36	44.6	Siehe Noten.
3902	69 73	Berlin, Romberg	Albany A. G. C. 4747	7.13	54.1	
3903	69 73	Berlin, Romberg	B. D. 3715	45.2	23' 8	
3904	74 191	Berlin	Schjellerup 4851	7.63	55" 0	
3905	98 137	Pola, J. Palisa	Leiden A. G. Z. 292, 293	10.82	37.3	
3906	69 73	Berlin, Romberg	Arg.-Weiss 10645	47.15	56.8	
3907	98 137	Pola, J. Palisa	Santini, 1246	53.18	20.3	A. R. bei Santini nur in Zehnteln von Sec. angegeben.
3908	69 73	Berlin, Romberg	M <sub>1</sub> 9324	8.25	16.7	
3909	88 23	Berlin, Becker	Leiden Mikrom. Anschluss	38.9	43' 6	Siehe Noten.
3910	84 244	Berlin, Tietjen	B. D. 3645	43.0	14.9	
3911	81 155	Leiden, Valentiner	Kam Verzeichn. II, 154-5	7.42	50" 6	
3912	74 191	Berlin	B. B. VI p. 330	7.33	52.3	
3913	79 76	Leipzig, Engelmann	Cordoba G. C. 18540	7.27	51.0	
3914	92 371	Pola, J. Palisa	Santini, 1249	19.84	14.8	
3915	110 291	Leiden, E. Bakhuyzen [u. Wilterdink]	Brüssel Cat. 5538	1.32	56.9	Siehe Noten.
3916	69 73	Berlin, Romberg	Santini, 1251	15.53	4.9	{ Bloss in A. R. genau bestimmt. In Lund Z. 14 doppelt. Bonn A. G. C. 9048, 35 <sup>s</sup> 73, 10".9; 8.3. E. B. — 0 <sup>s</sup> .0200 — 0".126 nach Bonn; — 0 <sup>s</sup> .02 — 0".13, nach Porter 779 u. Stumpe; — 0 <sup>s</sup> 0184 — 0".127, nach Argel. 250 Sterne, Nr. 139.
3917	86 318	Leiden, Valentiner	Lund A. G. Z. 14 u. 16	35.86	11.2	
3918	86 111	Hamburg	Lund A. G. Z. 18 u. 20	37.78	6.4	
3919	75 171	Warschau	Schjellerup 4874	45.62	14.7	
3920	69 73	Berlin, Romberg	M <sub>1</sub> 9388	58.49	40.5	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmusterung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
3921	— 9° 3737	7.8	....	8	73.38	70.0	13h 32m 58s 57	2	+ 3s 1603	+0s 0114	+0s 0007	— 9° 28' 44" 1	2	18" 426	+0" 190	+0" 17
3922	+ 11 2588	7.3	7.3	7-8	83.29	83.0	33 2.61	2	2.9682	+0.0016	0.007	+11 8 47.9	2	18.424	0.179	0.14
3923	— 9 3739	9.1	9.5	9.0	80.35	80.0	33 15.93	5	3.1660	+0.0117	0.007	—10 3 5.1	5	18.416	0.190	0.17
3924	+ 11 2589	5.7	5.7	6	83.20	81.0	33 24.74	..	2.9656	+0.0015	0.007	+11 22 54.9	..	18.411	0.179	0.14
3925	» »	»	....	5.7	83.29	83.0	24.74	2	»	»	»	53.1	2	»	»	»
3926	+ 32 2370	8.8	....	8.8	70.25	70.0	33 39.78	2	2.7348	—0.0068	0.011	+32 24 33.2	2	18.402	0.166	0.12
3927	+ 25 2658	9.0	9.0	9.0	83.39	80.0	33 53.66	2	2.8221	—0.0040	0.009	+25 9 46.0	2	18.395	0.172	0.13
3928	+ 31 2526	6.0	7	6.0	80.39	80.0	34 34.14	1	2.7418	—0.0064	0.011	+31 38 34.6	1	18.371	0.168	0.12
3929	— 10 3734	9.3	9.3	9.3	80.38	80.0	35 14.15	1	3.1697	+0.0119	0.007	—10 14 16.5	1	18.348	0.194	0.17
3930	— 8 3618	8.7	....	9	73.36	70.0	35 20.87	2	3.1582	+0.0112	0.007	— 9 2 19.5	2	18.344	0.194	0.17
3931	+ 0 3090	9.0	....	10-11	64.3	64.0	35 33.44	..	3.0673	+0.0065	0.007	+ 0 31 9.7	..	18.336	0.189	0.16
3932	— 16 3728	9.1	....	...	77.34	75.0	35 48.81	2	3.2331	+0.0156	0.007	—16 30 25.3	2	18.327	0.199	0.18
3933	» »	»	....	...	75.38	80.0	49.06	1	»	»	»	28.0	1	»	»	»
3934	+ 9 2798	6.5	6.5	6.5	83.29	83.0	36 2.25	2	2.9859	+0.0027	0.007	+ 9 1 22.2	2	18.319	0.185	0.14
3935	+ 8 2749	9.0	9.0	...	83.29	83.0	36 6.87	1	2.9898	+0.0028	0.007	+ 8 36 24.7	1	18.316	0.185	0.14
3936	+ 8 2750	9.3	9.3	...	83.29	83.0	36 11.40	1	2.9879	+0.0028	0.007	+ 8 48 4.9	1	18.314	0.185	0.14
3937	+ 25 2662	9.5	9.3	9.5	83.41	80.0	36 20.78	1	2.8114	—0.0040	0.009	+25 33 7.3	1	18.308	0.175	0.12
3938	— 16 3732	9.0	....	9	66.4	66.0	36 45.18	3	3.2336	+0.0156	0.007	—16 24 47.0	3	18.293	0.201	0.18
3939	+ 0 3093	9.3	....	9.7	64.3	64.0	37 18.97	..	3.0645	+0.0064	0.007	+ 0 48 46.2	..	18.271	0.192	0.16
3940	— 7 3684	9.0	8.6	9	71.34	71.0	37 28.47	2	3.1413	+0.0103	0.007	— 7 8 8.1	2	18.267	0.197	0.16
3941	— 12 3880	8.3	....	8.1	70.26	70.0	37 32.61	2	3.1916	+0.0131	0.007	—12 11 51.1	2	18.265	0.200	0.17
3942	— 16 3737	8.6	9	9	75.38	80.0	37 57.61	1	3.2426	+0.0160	0.007	—17 5 7.3	1	18.250	0.204	0.18
3943	» »	»	8.9	...	77.35	75.0	57.65	2	»	»	»	5.9	2	»	»	»
3944	— 13 3761	6.8	....	7½	66.35	65.0	38 2.79	2	3.2063	+0.0139	0.007	—13 35 21.6	2	18.247	0.202	0.18
3945	— 5 3756	8.7	....	8-9	67.13	65.0	38 14.92	1	3.1261	+0.0096	0.007	— 5 31 61.0	1	18.239	0.197	0.16
3946	» »	»	....	...	66.4	66.0	14.97	3	»	»	»	59.4	3	»	»	»
3947	— 13 3763	8.9	9.0	9	83.39	80.0	38 22.03	2	3.2030	+0.0137	0.007	—13 13 46.5	2	18.235	0.202	0.18
3948	— 18 3677	9.1	....	8.9	73.37	70.0	38 34.60	2	3.2610	+0.0171	0.008	—18 42 13.1	2	18.228	0.206	0.19
3949	— 15 3735	6.7	....	6.5	67.13	65.0	38 51.53	1	3.2235	+0.0148	0.007	—15 8 19.9	1	18.217	0.204	0.18
3950	— 11 3587	8.0	....	8	77.41	76.0	38 57.92	..	3.1887	+0.0125	0.007	—11 45 27.7	..	18.213	0.202	0.17
3951	— 11 3591	5.6	....	5.9	77.41	76.0	39 16.75	2	3.1895	+0.0125	0.007	—11 47 57.6	2	18.202	0.203	0.17
3952	» »	»	7	5.9	80.36	80.0	16.75	3	»	»	»	57.2	4	»	»	»
3953	+ 15 2620	8.5	8.5	9.0	74.37	74.0	39 22.9	..	2.9157	+0.0001	0.008	+15 34 11.8	4	18.198	0.186	0.13
3954	— 5 3760	8.8	....	9.8	67.19	65.0	39 26.14	1	3.1296	+0.0097	0.007	— 5 49 34.6	1	18.196	0.199	0.16
3955	+ 17 2663	9.1	9.1	9.1	74.34	70.0	39 37.46	1	2.8996	—0.0004	0.008	+17 2 46.9	1	18.189	0.186	0.13
3956	» »	»	9.1	...	74.32	70.0	37.55	1	»	»	»	48.9	1	»	»	»
3957	— 12 3895	10	10	10	77.37	75.0	40 3.68	1	3.2032	+0.0136	0.007	—13 2 45.6	1	18.173	0.205	0.18
3958	» »	»	....	...	75.38	80.0	3.76	1	»	»	»	47.5	1	»	»	»
3959	+ 17 2667	9.1	9.1	9.1	74.87	70.0	40 12.69	2	2.8980	—0.0004	0.008	+17 6 27.0	2	18.167	0.187	0.13
3960	— 17 3932	6.0	....	5.8	66.4	66.0	40 37.79	3	3.2485	+0.0162	0.007	—17 14 1.7	3	18.152	0.209	0.18



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	REOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3921	84 244	Berlin, Tietjen	Kam, 2515	58 <sup>s</sup> 56	44" 1	
3922	107 305, 108 186	Leipzig, Peter	Glasgow Cat. I 3418	2.68	48.7	
3923	98 253, 101 202	Berlin, Küstner	B. B. VI p. 330	16.15	4.4	
3924	108 186	Cap	Glasgow Cat. I 3420	24.79	54.8	A. N. verbunden mit A. G. Leipzig.
3925	107 305	Leipzig, Peter	Armagh Cat. II 1591	24.83	54.2	
3926	81 73	Berlin	Leiden A. G. Z. 46, 48	39.76	32.0	
3927	111 177	Berlin, Knorre	B. D. 2658	54.4	9' 0	
3928	98 137	Pola, J. Palisa	Leiden A. G. Z. 43, 44	34.19	34" 1	
3929	98 243, 101 202	Berlin, Küstner	B. D. 3734	15.3	14' 6	
3930	84. 244	Berlin, Tietjen	M <sub>1</sub> 9425.	20.80	18" 9	
3931	68 263	Wien	Harv. Zones 104 u. 106 N <sup>o</sup> . 74	33.39	13.7	
3932	92 371	Pola, J. Palisa	A. N. 88 134 Mikr. Anschluss	48.69	28.2	
3933	88 23	Berlin, Becker	.....	.....	.....	
3934	107 305, 108 186	Leipzig, Peter	Pulkowa Cat. 1875.0 3070	2.39	23.0	E. B. — 0 <sup>s</sup> .0234 — 0".130 Glasg. II 97.
3935	107 305, 108 186	Leipzig, Peter	Glasgow Cat. I 3429	6.72	24.9	
3936	107 305, 108 186	Leipzig, Peter	A. N. 102 108 Mikr. Anschluss	13.05	6.8	Siehe Noten.
3937	111 177	Berlin, Knorre	B. D. 2662	20.2	32' 6	
3938	78 63	Königsberg, Lorek	Argel.-Weiss 10728	45.25	44" 7	
3939	68 261	Wien	M <sub>2</sub> 5003	18.58	51.8	
3940	79 76	Leipzig, Engelmann	Weisse, 625 B. Z. 244	28.30	15.3	
3941	81 73	Berlin, Tietjen	Yarnall 5751	32.64	50.9	
3942	88 23	Berlin, Becker	Argel.-Weiss 10740	57.35	3.0	
3943	92 373	Pola, J. Palisa	.....	.....	.....	
3944	69 73	Berlin, Romberg	Cordoba G. C. 18683	2.80	24.3	
3945	69 73, 70 101	Berlin, Romberg	Lalande 25339	14.44	0.9	
3946	78 63	Königsberg, Lorek	Göttingen Cat. II 3535	14.99	2.8	
3947	111 177 u. 222	Berlin, Knorre	Santini, 1260	21.87	46.9	
3948	84 244	Berlin, Tietjen	Argel.-Weiss 10747	34.57	11.0	
3949	69 73	Berlin, Romberg	Cordoba G. C. 18702	51.43	19.0	
3950	94 309	Berlin, Tietjen	Cordoba G. C. 18704	57.86	23.8	Radcliffe Cat. 1890.0, 3564, 57 <sup>s</sup> .76, 24".4; 8—7 <sup>m</sup> .
3951	94 309	Berlin, Tietjen	Cordoba G. C. 18711	16.78	56.7	A. N. 3 um + 37".6 corrigirt nach A. N. 101 206.
3952	98 243	Berlin, Küstner	Yarnall 5768	16.79	56.7	Bloss in 3 genau bestimmt.
3953	86 319	Leiden, Valentiner	Yarnall 5769	23.58	15.5	E. B. + 0 <sup>s</sup> .1252 — 1"431, Stumpe A. N. 125, 407.
3954	69 73	Berlin, Romberg	M <sub>2</sub> 5020	26.17	30.7	» + 0.125 — 1.47, Porter Prop. Mot. 782.
3955	86 213	Berlin, Becker	B. D. 2663	36.1	1' 9	» + 0.1268 — 1.432, Bischof 140.
3956	84 235	Berlin, Knorre	.....	.....	.....	» + 0.1268 — 1.435, Argel. 140.
3957	91 215	Pola, J. Palisa	B. D. 3895	4.2	2.8	
3958	88 23	Berlin, Becker	.....	.....	.....	
3959	86 213	Berlin, Becker	B. D. 2667	13.1	6.6	
3960	78 63	Königsberg, Lorek	Cordoba G. C. 18737	37.59	59" 4	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHEN DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
3961	— 5° 3762	6.8	(7)	8	86.28	86.0	13 <sup>h</sup> 40 <sup>m</sup> 53 <sup>s</sup> 53	1	+ 3 <sup>s</sup> 1329	+0 <sup>s</sup> 0099	+0 <sup>s</sup> 007	—6°. 4' 40" 3	1	18" 142	+0.203	—0.1
3962	» »	»	....	7.0	67.19	65.0	53.82	1	»	»	»	47.2	1	»	»	»
3963	— 16 3746	9.4	....	9.0	66.4	66.0	40 57.89	4	3.2461	+0.0160	0.007	—16 57 22.8	4	18.139	0.210	0.18
3964	— 10 3759	8.5	9	7.5	80.36	80.0	41 34.36	3	3.1750	+0.0120	0.007	—10 9 51.0	3	18.117	0.206	0.17
3965	— 16 3748	8.9	....	9	66.4	66.0	42 8.69	3	3.2467	+0.0159	0.007	—16 50 41.2	3	18.095	0.212	0.18
3966	— 2 3737	7.5	....	7.5	70.25	70.0	42 11.41	2	3.0946	+0.0080	0.007	— 2 12 58.1	2	18.094	0.202	0.18
3967	+ 8 2767	7.5	7.5	7.5	83.29	83.0	42 20.92	2	2.9851	+0.0031	0.007	+ 8 35 2.7	2	18.087	0.196	0.18
3968	— 13 3774	9.0	....	9.0	70.27	70.0	42 35.34	2	3.2102	+0.0139	0.007	—13 24 45.0	2	18.078	0.210	0.18
3969	— 15 3742	9.0	9.3	9.0	67.13	65.0	42 39.68	1	3.2386	+0.0155	0.007	— 16 1 34.8	1	18.076	0.212	0.18
3970	+ 30 2449	7.8	....	7.8	80.39	80.0	42 51.40	2	2.7308	—0.0052	0.010	+30 29 3.0	2	18.068	0.180	0.18
3971	+ 6 2800	6.4	6.4	...	83.29	83.0	44 8.09	2	3.0093	+0.0043	0.007	+ 6 7 5.5	2	18.019	0.200	0.18
3972	» »	»	6.4	6.5	83.29	81.0	8.12	..	»	»	»	6.7	..	»	»	»
3973	.....	...	6.1	6.7	74.57	74.0	44 28.3	..	3.3313	+0.0207	0.008	—23 45 36.1	3	18.006	0.221	0.18
3974	— 11 3610	8.8	9	9.9	67.13	65.0	44 39.84	1	3.1885	+0.0127	0.007	—11 9 33.3	1	17.999	0.213	0.17
3975	— 14 3815	8.7	9	8.9	75.41	70.0	45 0.06	2	3.2290	+0.0148	0.007	—14 50 58.3	2	17.986	0.216	0.18
3976	+ 30 2456	8.5	....	8.5	70.25	70.0	46 0.02	2	2.7191	—0.0049	0.010	+30 37 54.4	2	17.947	0.185	0.18
3977	— 19 3761	9.7	10.6	9.7	73.29	73.0	46 7.24	1	3.2836	+0.0178	0.008	—19 29 22.0	1	17.942	0.222	0.18
3978	— 5 3774	8.3	9.0	9	73.33	73.0	46 21.70	1	3.1338	+0.0099	0.007	— 5 52 12.7	1	17.933	0.212	0.18
3979	— 10 3778	7.2	....	7	80.3	80.0	47 28.08	..	3.1906	+0.0127	0.007	—11 4 46.6	..	17.889	0.218	0.17
3980	» »	»	8.9	8.9	80.34	80.0	28.12	4	»	»	»	46.6	4	»	»	»
3981	» »	»	7.8	8	66.42	65.0	28.19	2	»	»	»	46.5	2	»	»	»
3982	— 18 3698	6.9	7	6.0	81.38	81.0	48 10.93	2	3.2768	+0.0172	0.007	—18 36 4.7	2	17.862	0.225	0.18
3983	— 14 3827	8.3	9	8	80.42	80.0	48 19.16	2	3.2342	+0.0149	0.007	—14 54 14.2	2	17.856	0.222	0.18
3984	— 11 3628	7.8	7.8	7	77.41	76.0	48 50.92	2	3.1980	+0.0130	0.007	—11 36 31.7	2	17.835	0.221	0.17
3985	— 13 3793	8.3	9	8.4	80.43	80.0	48 58.77	1	3.2150	+0.0139	0.007	—13 7 29.8	1	17.829	0.222	0.17
3986	— 11 3630	9.2	9.5	10	80.37	80.0	49 5.49	3	3.1947	+0.0129	0.007	—11 18 11.8	3	17.825	0.221	0.17
3987	» »	»	....	9-10	77.41	76.0	5.68	1	»	»	»	14.5	1	»	»	»
3988	+ 15 2643	8.6	8.6	9	74.31	70.0	49 27.98	2	2.8984	+0.0006	0.008	+15 47 31.3	2	17.810	0.202	0.18
3989	— 2 3761	6.5	....	7	70.25	70.0	49 31.66	2	3.1050	+0.0086	0.007	— 3 2 51.5	2	17.807	0.216	0.17
3990	+ 9 2828	8.7	....	8.7	69.4	70.0	49 52.24	3	2.9697	+0.0032	0.007	+ 9 26 21.4	3	17.794	0.207	0.18
3991	— 13 3795	8.5	....	9	70.27	70.0	50 4.04	2	3.2178	+0.0140	0.007	—13 15 50.5	2	17.786	0.224	0.18
3992	— 4 3593	9.1	9.1	...	83.39	80.0	50 20.93	3	3.1212	+0.0094	0.007	— 4 31 2.3	3	17.774	0.218	0.18
3993	— 12 3926	9.5	9-10	9.5	80.43	80.0	50 38.31	1	3.2154	+0.0138	0.006	—12 59 30.3	1	17.762	0.225	0.18
3994	— 10 3790	8.4	9	...	80.22	75.0	51 5.50	4	3.1856	+0.0123	0.006	—10 18 47.0	4	17.744	0.224	0.17
3995	— 4 3594	8.0	....	8½	77.42	76.0	51 8.12	2	3.1254	+0.0096	0.006	— 4 52 15.0	2	17.742	0.220	0.18
3996	— 11 3642	6.7	....	8½	77.41	76.0	51 44.95	1	3.1991	+0.0130	0.006	—11 26 39.9	1	17.717	0.226	0.17
3997	+ 6 2815	8.8	9	8	80.37	80.0	52 8.90	1	3.0039	+0.0046	0.006	+ 6 12 46.1	1	17.701	0.213	0.18
3998	— 4 3597	6.8	....	7	76.43	76.0	52 55.79	1	3.1255	+0.0096	0.006	— 4 48 30.9	1	17.668	0.223	0.18
3999	» »	»	6.8	8	83.39	80.0	55.85	1	»	»	»	31.8	1	»	»	»
4000	» »	»	....	6.8	77.42	76.0	55.92	2	»	»	»	33.7	2	»	»	»

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
3961	Publication XVIII A.G.	Pulkowa, Romberg	Schjellerup 4916-7	53 <sup>s</sup> 46	46 <sup>m</sup> 1	Controlestern.
3962	69 73	Berlin, Romberg	Cordoba G. C. 18744	53.59	45.6	A.N. A.R. um — 10 <sup>s</sup> corrigirt; siehe Noten.
3963	73 63	Königsberg, Lorek	Argel.-Weiss 10771	58.07	22.7	
3964	98 243, 101 201	Berlin, Küstner	M <sub>2</sub> 5037	34.23	53.8	
3965	73 63	Königsberg, Lorek	Argel.-Weiss 10782	8.89	33.8	
3966	81 73	Berlin, Tietjen	Schjellerup 4927-8	11.35	59.4	
3967	107 306, 108 186	Leipzig, Peter	Schjellerup 4930	20.81	4.6	
3968	81 73, 111 222	Berlin, Tietjen	Küstner 428	35.38	45.4	
3969	69 73	Berlin, Romberg	Argel.-Weiss 10787	39.44	31.5	
3970	98 137	Pola, J. Palisa	Leiden A. G. Z. 43, 44	51.43	4.0	
3971	107 306	Leipzig, Peter	Kam 2560-1	8.05	5.4	
3972	108 186	Cap	Schjellerup 4939	7.78	5.9	Cap verbunden mit A. G.
3973	86 319	Leiden, Valentiner	Cordoba G. C. 18830	27.60	37.4	E. B. { — 0 <sup>s</sup> .0386 — 0 <sup>m</sup> .291, Bischof 145. — 0.0395 — 0.256, Argel. 145. — 0.042 — 0.35, Porter Prop. Mot. 788. — 0.0402 — 0.290, Stumpe A. N. 125, 408.
3974	69 73	Berlin, Romberg	M <sub>2</sub> 5059	39.78	35.3	
3975	86 213, 88 41	Berlin, Becker	Argel.-Weiss 10813	0.14	56.8	
3976	81 73	Berlin, Tietjen	Leiden A. G. Z. 50, 52	0.03	33.9	
3977	84 179	Leipzig, Engelmann	B. D. 3761	9.5	29 <sup>m</sup> 5	
3978	83 136	Wien, Holetschek	Weisse, 769, B. Z. 239	22.11	15 <sup>m</sup> 8	Siehe Note zu Nr. 3737.
3979	101 202	Hamburg, Schrader	M <sub>1</sub> 9609	28.00	48.1	Getrennt von der Berl. Beob. in folgender Nummer.
3980	98 243	Berlin, Küstner	Santini, 1587	28.33	47.6	
3981	69 73, 67 246	Berlin, Romberg	Weisse, 786, B. Z. 240 u. 243	28.36	46.1	
3982	102 297	Berlin, Leman	B. B. VI p. 354 Nr. 72	10.90	4.9	
3983	98 137	Pola, J. Palisa	Argel.-Weiss 10851	19.32	8.0	
3984	94 309, 101 206	Berlin, Tietjen	Yarnall 5854	50.85	31.2	A. N. $\delta$ um + 38 <sup>m</sup> .4 corrigirt nach A. N. 101 206.
3985	98 137, 101 201	Pola, J. Palisa	Carleton Cat. 473	58.72	30.7	
3986	98 245, 101 202	Berlin, Küstner	M <sub>2</sub> 5094	5.40	10.0	
3987	94 309	Berlin, Tietjen	Santini, 1590	5.47	13.5	A. N. $\delta$ um + 37 <sup>m</sup> .2 corrigirt nach A. N. 101 206.
3988	84 235	Berlin, Knorre	Weisse, 1068 B. Z. 288	27.69	35.4	
3989	81 73	Berlin	Glasgow Cat. I 3472	31.70	51.3	
3990	76 53	Königsberg, Lorek	B. D. 2828	51.5	27 <sup>m</sup> 3	
3991	81 73	Berlin, Tietjen	Santini, 1278	3.71	47 <sup>m</sup> 2	
3992	111 177	Berlin, Knorre	A. N. 88 246 Mikr. Anschluss	20.67	57.8	
3993	98 137, 101 201	Pola, J. Palisa	B. D. 3926	38.7	0 <sup>m</sup> 0	
3994	110 299	Leiden, E. Bakhuyzen [u. Wilterdink]	Kam 2588	5.78	46 <sup>m</sup> 2	
3995	94 293	Berlin, Tietjen	Cordoba G. C. 18972	8.20	14.1	A. N. $\alpha$ um — 0 <sup>s</sup> 11, $\delta$ um + 0 <sup>m</sup> .2 corrigirt nach Mittheilung [von Dr. Knorre.]
3996	94 293	Berlin, Tietjen	Cordoba G. C. 18984	44.89	38.0	
3997	98 137	Pola, J. Palisa	M <sub>1</sub> 9689	8.89	45.6	
3998	111 177	Berlin	Glasgow Cat. I 3483	55.69	31.6	E. B. + 0 <sup>s</sup> .0041 — 0 <sup>m</sup> .214, Stumpe A. N. 125, 408. + 0.003 — 0.23, Porter Prop. Mot. 792.
3999	111 177	Berlin, Knorre	Schjellerup 4996	55.78	26.2	Zeigt nach Dr. Knorre E. B.; siehe Noten.
4000	94 293	Berlin, Tietjen	Pulk. Obs. Vol. VIII Nr. 855	55.94	27.5	A. N. $\alpha$ um — 0 <sup>s</sup> .13, $\delta$ um + 2 <sup>m</sup> .8 corr. n. Mitth. v. Dr. Knorre.

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
4001	+ 40°27'10	8.5	....	8	75.18	75.0	18 <sup>h</sup> 53 <sup>m</sup> 9 <sup>s</sup> 94	2	+ 2 <sup>s</sup> 5313	-0 <sup>s</sup> 0070	+0 <sup>s</sup> 011	+40°29' 12"0	2	17"659	+0"182	+ 0"09
4002	— 13 3804	9.1	9.0	9.1	74.36	74.0	53 18.2	..	3.2200	+0.0140	0.006	—13 6 32.2	1	17.653	0.230	0.17
4003	— 12 3933	8.0	8.0	8	83.39	80.0	53 24.67	2	3.2172	+0.0138	0.006	—12 51 35.2	2	17.648	0.230	0.17
4004	— 14 3826	7.8	....	8-9	66.39	65.0	53 43.29	2	3.2350	+0.0147	0.006	—14 20 36.4	2	17.636	0.232	0.18
4005	— 4 3604	8.3	....	8	83.4	83.0	55 11.73	..	3.1293	+0.0098	0.006	— 5 3 46.8	..	17.574	0.227	0.16
4006	— 19 3799	7.3	....	7½	70.4	70.0	55 39.38	2	3.2974	+0.0177	0.006	—19 12 20.1	2	17.554	0.240	0.19
4007	— 13 3811	8.7	9	9	80.43	80.0	55 49.26	1	3.2307	+0.0144	0.006	—13 45 11.9	1	17.547	0.236	0.18
4008	— 4 3609	8.0	....	8.0	69.4	70.0	56 30.98	3	3.1216	+0.0094	0.006	— 4 20 29.7	3	17.518	0.229	0.16
4009	— 20 3947	8.7	9.0	9	73.34	73.0	56 39.18	1	3.3118	+0.0184	0.006	—20 11 16.4	1	17.513	0.243	0.19
4010	» »	»	9.5	9.5	80.34	80.0	39.19	3	»	»	»	13.6	3	»	»	»
4011	» »	»	....	...	77.30	75.0	39.39	1	»	»	»	14.0	1	»	»	»
4012	— 12 3952	7.8	8.9	9.0	80.37	80.0	57 18.23	3	3.2132	+0.0135	0.006	—12 9 2.6	3	17.484	0.237	0.17
4013	— 9 3841	7.3	....	7-8	66.42	66.0	57 19.65	4	3.1777	+0.0119	0.006	— 9 8 41.6	3	17.483	0.234	0.17
4014	— 5 3805	9.1	9.1	8.9	73.30	73.0	58 28.14	1	3.1357	+0.0101	0.006	— 5 29 3.7	1	17.434	0.233	0.16
4015	— 12 3956	8.0	9	9	81.39	80.0	59 9.45	2	3.2147	+0.0135	0.006	—12 6 13.6	2	17.404	0.240	0.17
4016	» »	»	....	8	»	80.0	9.67	..	»	»	»	12.0	..	»	»	»
4017	.....	...	10	10	80.37	80.0	14 0 53.64	2	3.2393	+0.0146	0.006	—13 56 30.2	2	17.328	0.245	0.18
4018	.....	...	9.7	...	86.32	86.0	53.78	1	»	»	»	28.5	1	»	»	»
4019	+ 0 3135	7.0	7.0	7.0	82.20	81.0	1 26.43	3	3.0659	+0.0073	0.006	+ 0 32 23.8	3	17.304	0.233	0.15
4020	— 4 3623	8.5	8.0	8	82.21	81.0	1 32.68	3	3.1213	+0.0095	0.006	— 4 8 59.5	3	17.299	0.238	0.16
4021	— 11 3670	8.2	....	8½	77.41	76.0	1 41.92	2	3.2158	+0.0135	0.006	—11 58 14.6	2	17.293	0.245	0.17
4022	— 0 2787	8.2	8.2	8.2	82.22	81.0	1 42.26	3	3.0776	+0.0078	0.006	— 0 27 7.7	3	17.292	0.235	0.15
4023	— 22 3729	9.0	....	9.0	70.32	70.0	2 8.39	2	3.3490	+0.0198	0.006	—22 10 15.2	2	17.273	0.255	0.19
4024	— 21 3848	8.0	....	7.5	70.33	70.0	2 14.08	2	3.3461	+0.0197	0.006	—21 56 43.1	2	17.269	0.255	0.19
4025	— 9 3865	6.5	....	6.9	66.42	66.0	2 21.03	2	3.1891	+0.0123	0.006	— 9 44 27.8	2	17.264	0.244	0.17
4026	+ 30 2486	8.8	....	...	80.3	79.0	2 53.10	4	2.6704	-0.0034	0.008	+30 28 10.5	4	17.240	0.206	0.10
4027	— 7 3799	8.9	9.5	9	83.39	80.0	3 7.82	1	3.1590	+0.0110	0.006	— 7 13 36.2	1	17.229	0.243	0.16
4028	— 10 3836	9.3	10	9.8	81.22	80.0	3 26.51	2	3.2024	+0.0128	0.006	—10 44 49.7	2	17.215	0.247	0.17
4029	» »	»	9	...	80.48	80.0	26.51	2	»	»	»	47.8	2	»	»	»
4030	— 12 3983	Var.	Var.	...	80.37	80.0	3 36.92	1	3.2271	+0.0139	0.006	—12 42 40.5	1	17.207	0.249	0.18
4031	— 10 3838	9.1	9	9	80.51	80.0	3 58.81	4	3.2067	+0.0130	0.006	—11 2 46.2	5	17.191	0.248	0.17
4032	» »	»	9	...	80.48	80.0	58.81	2	»	»	»	45.5	2	»	»	»
4033	— 16 3821	8.9	8.9	9.0	67.13	65.0	4 2.32	1	3.2835	+0.0165	0.006	—17 2 58.2	1	17.188	0.254	0.17
4034	— 11 3680	7.3	8	8½	80.62	80.0	4 25.59	4	3.2110	+0.0132	0.006	—11 21 38.6	4	17.171	0.249	0.17
4035	» »	»	8	7	80.47	80.0	25.62	3	»	»	»	37.2	3	»	»	»
4036	+ 27 2342	8.2	....	8.8	80.3	79.0	4 29.95	2	2.7172	-0.0023	0.008	+27 11 34.8	2	17.168	0.212	0.11
4037	— 1 2916	8.0	7.0	7.7	82.21	81.0	4 30.84	3	3.0974	+0.0086	0.006	— 2 5 1.7	3	17.167	0.241	0.15
4038	— 9 3870	8.5	....	8	66.42	66.0	4 39.45	1	3.1928	+0.0124	0.006	— 9 53 14.9	1	17.160	0.248	0.17
4039	+ 41 2471	7.0	....	7	75.18	75.0	4 52.37	2	2.4620	-0.0056	0.010	+41 22 8.8	2	17.150	0.193	0.09
4040	— 11 3683	9.0	9	9	80.49	80.0	4 53.22	2	3.2108	+0.0132	0.006	—11 18 7.7	2	17.150	0.250	0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4001	86 111	Hamburg, Lindstedt	Weisse, 1153 B.Z. 469	9 <sup>s</sup> 85	13 <sup>"</sup> 0	Bonn A.G.C. 9192, 10 <sup>s</sup> .00, 13 <sup>"</sup> .8; 8 <sup>m</sup> .5.
4002	86 319	Leiden, Valentiner	Pulkowa Cat. 1875.0 3122	19.18	32.7	
4003	111 177 u. 222	Berlin, Knorre	M <sub>1</sub> 9706	24.72	34.2	
4004	69 73	Berlin, Romberg	Santini, 1283	43.22	35.4	A.N. $\delta$ um — 6' corrig. cf. Publ. XVIII der A.G. Siehe Noten. M <sub>1</sub> 9739, 11 <sup>s</sup> .89, 42 <sup>"</sup> .6; 10 <sup>m</sup> .
4005	106 21	O'Gyalla	Santini, — 6° 270	12.11	46.0	
4006	77 352	Warschau	Cordoba G.C. 19052	39.37	18.1	
4007	98 137, 101 201	Pola, J. Palisa	M <sub>1</sub> 9753	49.17	14.2	A.N. A.R. um + 1 <sup>s</sup> corrig., wie die verglichenen Quellen [verlangen.
4008	76 53	Königsberg, Lorek	Karlsruhe Heft II p. 210	30.74	28.9	
4009	88 136, u. 187	Wien, Holetschek	Argel.-Weiss 10941	39.04	12.2	
4010	98 245, 101 201	Berlin, Küstner	Cincinnati Zones 2427	39.60	12.4	
4011	92 373	Pola, J. Palisa	.....	.....	.....	A.N. 101 $\delta$ um 1" nördlicher. Fehlt bei Yarnall.
4012	98 245, 101 201	Berlin, Küstner	M <sub>2</sub> 5150	18.12	2.2	
4013	67 383	Washington, Rogers	Weisse, 976 B.Z. 241 u. 244	19.68	42.4	
4014	84 179	Leipzig, Engelmann	Carleton Cat. 477	28.44	6.6	A.N. 101 A.R. um 0 <sup>s</sup> .03 grösser, $\delta$ um 0 <sup>"</sup> .3 nördlicher.
4015	102 297 u. 101 201	Berlin, Leman	Santini, 1608	9.68	12.4	
4016	98 43	Kremsmünster	M <sub>1</sub> 9822	9.47	14.5	
4017	98 137	Pola, J. Palisa	Pariser Karten Nr. 43	54.	56'	Controlestern.
4018	Publicat. XVIII der A.G.	Pulkowa, Romberg	.....	.....	.....	
4019	108 186	Cap	Pulkowa Cat. 1875.0 3147	26.38	23 <sup>"</sup> 6	
4020	108 186	Cap	Glasgow Cat. I 3509	32.49	58.7	
4021	94 293	Berlin, Tietjen	Cordoba G.C. 19181	41.81	13.1	A.N. $\delta$ um + 10" corrigirt. Siehe Noten.
4022	108 186	Cap	Göttingen Cat. I 4123-5	42.15	9.5	
4023	81 73	Berlin	B.B. VI p. 354 Nr. 2	8.35	11.3	
4024	81 73	Berlin	B.B. VI p. 354 Nr. 4	14.13	43.1	
4025	67 283	Washington, Rogers	Cordoba G.C. 19191	21.15	28.2	A.N. A.R. um — 6 <sup>s</sup> .32, $\delta$ um + 22 <sup>"</sup> .2 corrig. nach A.N. [108 79.
4026	105 183	Königsberg	Leiden A.G.Z. 174, 177	53.02	8.2	
4027	111 177 u. 223	Berlin, Knorre	M <sub>1</sub> 9888	7.5 <sup>s</sup>	35.5	
4028	110 291	Leiden, Wilterdink u. [Bakhuyzen	M <sub>2</sub> 5198	26.50	49.3	Z Virginis.
4029	110 291	Cap	.....	.....	.....	
4030	98 137	Pola, J. Palisa	B.D. 3983	37.7	42' 2	
4031	110 291	Leiden, Bakhuyzen u. [Wilterdink	Santini, 1619	58.70	44 <sup>"</sup> 1	Σ 1808 praec. austr. maj. genähert E.B. — 0 <sup>s</sup> .014, — 0 <sup>"</sup> .05 [nach Pulkowa.
4032	110 291	Cap	.....	.....	.....	
4033	69 73	Berlin, Romberg	B.B. VI p. 354 Nr. 12	2.05	57.4	
4034	110 291	Leiden, Stieltjes u. [Bakhuyzen	Cordoba G.C. 19233	25.61	37.2	
4035	110 291	Cap	Taylor 6603	25.44	36.2	Bonn A.G.C. 9299, 52 <sup>s</sup> .46, 8 <sup>"</sup> .9; 7 <sup>m</sup> .2.
4036	105 183	Königsberg	Pulkowa Cat. 1875.0 3155	29.83	33.3	
4037	108 186	Cap	Pulkowa Cat. 1875.0 3156	30.69	3.5	
4038	67 383	Washington, Rogers	Cordoba G.C. 19237	39.34	18.6	
4039	86 111	Hamburg, Lindstedt	Weisse, 72 B.Z. 472	52.16	8.3	
4040	110 291	Cap	M <sub>1</sub> 9924	53.31	8.0	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DEC.			
		NACH			DER				1875.0					1875.0			
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
					1800 +												
4041	— 11° 3683	...	9	...	80.72	80.0	14 <sup>h</sup> 4 <sup>m</sup> 53 <sup>s</sup> 23	4	+ 3 <sup>s</sup> 2108	+0.0132	+0.0006	—11° 18' 7" 4	4	17" 150	+0" 250	+0" 17	
4042	— 17 4025	8.6	....	8-9	66.35	66.0	5 1.27	2	3.2882	+0.0166	0.006	—17 17 28.8	2	17.144	0.256	0.12	
4043	— 11 3684	7.8	7.3	7.0	74.36	74.0	5 4.2	..	3.2200	+0.0135	0.006	—12 0 56.1	1	17.141	0.251	0.17	
4044	» »	»	....	7.8	77.47	76.0	4.85	2	»	»	»	59.8	2	»	»	»	
4045	— 11 3687	9.2	9	9	80.76	80.0	5 52.06	4	3.2126	+0.0132	0.006	—11 22 21.0	4	17.105	0.252	0.17	
4046	» »	»	9	9.7	80.50	80.0	52.14	2	»	»	»	20.0	2	»	»	»	
4047	.....	...	9.2	8	73.30	72.0	7 5.88	5	3.5564	+0.0305	0.009	—34 30 52.1	5	17.049	0.280	0.23	
4048	— 3 3596	8.7	....	9.0	73.27	70.0	7 35.93	2	3.1113	+0.0091	0.006	— 3 9 54.2	2	17.026	0.247	0.13	
4049	— 5 3837	7.0	6.5	6.8	82.20	81.0	7 50.51	3	3.1387	+0.0102	0.006	— 5 21 51.9	3	17.014	0.249	0.16	
4050	— 20 3989	7.2	....	7	70.35	70.0	7 53.58	2	3.3367	+0.0187	0.006	—20 28 48.6	2	17.012	0.265	0.19	
4051	— 4 3644	8.0	8	8.0	82.2	81.0	7 56.55	..	3.1243	+0.0096	0.006	— 4 12 2.2	..	17.009	0.248	0.16	
4052	— 2 3810	8.4	....	8.4	73.27	70.0	8 27.67	2	3.1100	+0.0091	0.006	— 3 2 27.3	2	16.986	0.248	0.16	
4053	... ..	...	....	...	75.28	75.0	9 3.80	2	2.4426	—0.0051	0.010	+41 25 3.7	2	16.957	0.197	0.08	
4054	— 5 3845	6.3	....	6.8	77.41	76.0	9 47.44	2	3.1481	+0.0106	0.006	— 6 2 21.7	2	16.923	0.253	0.16	
4055	+ 20 2954	7.0	....	7.0	70.30	70.0	10 44.23	2	2.7993	+0.0001	0.007	+20 42 22.1	2	16.879	0.228	0.11	
4056	— 20 3899	10	10-11	10	67.4	67.0	11 30.20	3	3.3402	+0.0186	0.006	—20 16 7.1	3	16.842	0.271	0.19	
4057	— 6 3965	7.5	....	7.5	77.41	76.0	12 6.32	2	3.1544	+0.0108	0.006	— 6 26 7.8	2	16.814	0.258	0.16	
4058	— 9 3909	8.5	....	8-9	66.42	66.0	12 25.82	4	3.2014	+0.0126	0.006	—10 1 56.9	4	16.798	0.262	0.17	
4059	+ 23 2675	9.5	....	9.5	70.29	70.0	12 26.66	3	2.7627	—0.0005	0.007	+22 58 17.6	3	16.798	0.227	0.11	
4060	— 6 3972	6.5	....	6.6	77.42	76.0	13 19.20	1	3.1516	+0.0107	0.006	— 6 10 9.6	1	16.756	0.260	0.16	
4061	— 20 4005	10	11	...	67.4	67.0	13 26.09	2	3.3449	+0.0186	0.005	—20 21 15.4	2	16.750	0.275	0.19	
4062	— 9 3915	7.0	8.0	8	82.20	81.0	14 52.10	3	3.2004	+0.0125	0.005	— 9 47 48.7	3	16.681	0.266	0.16	
4063	— 12 4028	9.0	....	9	77.41	76.0	15 4.93	2	3.2367	+0.0139	0.005	—12 28 27.7	2	16.670	0.269	0.16	
4064	+ 41 2492	8.6	....	9	75.18	75.0	16 32.45	2	2.4027	—0.0042	0.009	+41 44 53.7	2	16.599	0.204	0.08	
4065	— 15 3862	6.7	7.5	6.9	82.2	81.0	17 6.58	..	3.2815	+0.0156	0.004	—15 31 57.7	..	16.571	0.277	0.17	
4066	.....	...	....	7.0	77.41	75.0	17 24.08	3	3.6382	+0.0330	0.007	—36 52 40.3	3	16.557	0.306	0.23	
4067	+ 22 2693	8.2	....	...	80.39	80.0	17 37.48	2	2.7540	—0.0001	0.007	+22 50 27.7	2	16.546	0.234	0.10	
4068	— 11 3735	8.5	8	...	67.19	65.0	17 44.99	1	3.2309	+0.0136	0.004	—11 51 3.0	1	16.540	0.273	0.16	
4069	— 13 3891	7.7	7.5	7.0	83.41	83.0	17 48.58	3	3.2540	+0.0145	0.004	—13 30 47.8	3	16.537	0.275	0.17	
4070	— 21 3898	7.7	....	8.0	70.31	70.0	18 53.52	2	3.3732	+0.0194	0.005	—21 33 39.7	2	16.483	0.287	0.19	
4071	+ 18 2877	8.0	....	8	70.29	70.0	19 13.78	2	2.8121	+0.0011	0.006	+18 49 17.5	2	16.466	0.241	0.12	
4072	— 21 3903	8.9	....	8	70.33	70.0	19 56.98	3	3.3770	+0.0195	0.005	—21 40 41.4	3	16.430	0.289	0.18	
4073	— 12 4050	9.0	....	9	70.33	70.0	20 8.07	2	3.2401	+0.0139	0.004	—12 20 14.2	2	16.420	0.278	0.16	
4074	» »	»	....	9.0	66.31	66.0	8.20	2	»	»	»	15.3	2	»	»	»	
4075	— 21 3906	7.2	....	6	70.4	70.0	20 30.68	2	3.3742	+0.0193	0.005	—21 25 45.5	2	16.402	0.290	0.18	
4076	+ 21 2652	9.0	9	9	80.39	80.0	20 33.82	2	2.7664	+0.0004	0.007	+21 40 37.6	2	16.399	0.239	0.11	
4077	— 12 4055	6.8	7.0	6.8	82.20	81.0	20 58.80	3	3.2475	+0.0141	0.004	—12 47 45.4	3	16.378	0.280	0.17	
4078	— 9 3945	6.5	....	6.8	68.4	68.0	21 51.50	3	3.2012	+0.0124	0.004	— 9 26 31.0	3	16.334	0.278	0.19	
4079	.....	...	9.5	9	73.30	72.0	22 41.40	5	3.6177	+0.0308	0.006	—34 58 33.5	5	16.291	0.315	0.23	
4080	— 9 3949	8.0	....	8½	68.4	68.0	22 49.31	3	3.2099	+0.0127	0.004	—10 0 28.8	3	16.285	0.282	0.16	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4041	110 291	Leiden, Bakhuyzen,	.....	.....	.....	
4042	69 379	[Wilterd. u. Stieltjes Leiden, v. Hennekeler	Argel.-Weiss 11036	19 36	29"1	
4043	86 319	Leiden, Valentiner	B. B. VI p. 374	4.98	55.5	{ E.B. — 0 <sup>s</sup> .0159 — 0".193, nach Pulkowa Cat. = Argel. » — 0.0162 — 0.191, » Stumpe A. N. 125, 409. » — 0.0140 — 0.175, » Bischof. » — 0.013 — 0.22, » Porter Cat. Prop. Mot. 798.
4044	94 309	Berlin, Tietjen	Pulkowa Cat. 1875.0 3160	4.81	57.9	
4045	110 291	Leiden, Bakh. u. Wil-	M <sub>1</sub> 9936	52.10	17.4	
4046	110 291	Cap [terdink	M <sub>2</sub> 5216	51.88	21.0	
4047	84 185	Madras	Cordoba Z. C. Nr. 449	5.93	47.9	
4048	84 244	Berlin, Tietjen	M <sub>2</sub> 5227	35.85	52.1	
4049	108 186	Cap	Pulkowa Cat. 1875.0 3172	50.71	55.6	Cap getrennt von Becker's Cat. Bradley Sterne Nr. 301. [Siehe Noten.
4050	81 73	Berlin, Tietjen	Argel.-Weiss 11065	53.83	46.2	
4051	108 186	Berlin	KarlsruheBeob. Heft IV p. 161	56.45	2.8	
4052	84 244	Berlin, Tietjen	B. D. 3810	27.3	2' 5	
4053	89 22 u. 37	Leiden, E. Bakhuyzen	Leiden Mikrom. Anschluss	4.0	25' 3	Siehe Noten. E.B. — 0 <sup>s</sup> .0135 — 0".109 nach Glasg. II, 105. Duplex bor. maj. Siehe Noten. Berlin { 5026, 44 <sup>s</sup> .10, 20"8; 5 <sup>m</sup> .8. A.G.C.B. { 5027, 44.13, 16.5; 8.7.
4054	94 293	Berlin, Tietjen	Cordoba G. C. 19326	47.36	20"2	
4055	81 73	Berlin	Armagh Cat. II 1658	44.34	21.3	
4056	72 52	Washington	B. D. 3999	30.7	16' 3	
4057	94 309	Berlin, Tietjen	KarlsruheBeob. Heft II p. 210	6.26	7"2	
4058	67 383	Washington, Rogers	Weisse <sub>1</sub> 193 B. Z. 243	25.80	59.0	
4059	81 73	Berlin	B. B. VI 2675	26.56	15.8	
4060	94 309	Berlin, Tietjen	Cordoba G. C. 19399	19.12	9.0	
4061	72 52	Washington'	B. D. 4005	25.6	20' 8	
4062	108 186	Cap	Schjellerup 5101	52.18	48"0	
4063	94 309	Berlin, Tietjen	Santini <sub>1</sub> 1634	4.52	24.7	
4064	86 111	Hamburg, Lindstedt	Weisse <sub>2</sub> 338 B. Z. 472	32.07	54.6	Bonn A. G. C. 9395 32 <sup>s</sup> .57, 54"3; 8 <sup>m</sup> .8 A.N. verbunden mit Arg.-Oeltz. u. Lamont.
4065	108 186	Berlin	Cordoba G. C. 19492	6.65	57.0	
4066	92 373	Pola, J. Palisa	Cordoba G. C. 19500	24.02	40.0	
4067	98 137	Pola, J. Palisa	Rümker 4679	37 31	30.5	Berlin A. G. C. B. 5061, 37 <sup>s</sup> .48, 29"4; 8 <sup>m</sup> .1.
4068	69 73	Berlin, Romberg	B. D. 3735	44.7	51' 1	
4069	106 327	Neuenburg, Hilfiker	Yarnall 6050	48.57	45"8	
4070	81 73	Berlin, Tietjen	B. B. VI p. 354 Nr. 35	53.68	39.7	
4071	81 73	Berlin, Tietjen	Weisse <sub>2</sub> 389 B. Z. 289	13.75	18.1	
4072	81 73	Berlin, Tietjen	Argel.-Weiss 11176	56.96	38.6	
4073	81 73, 94 291	Berlin, Tietjen	Santini <sub>1</sub> 1642	8.14	13.3	A. N. um — 1 <sup>s</sup> corrigirt. Siehe Noten.
4074	69 379	Leiden, Kam u. van [Hennekeler	Küstner 439	8.05	13.9	
4075	77 352	Warschau	Argel.-Weiss 11185	30.22	43.8	
4076	98 139	Pola, J. Palisa	Weisse <sub>2</sub> 421 B. Z. 460	34.35	40.3	Berl. A. G. C. B. 5079, 33 <sup>s</sup> .79, 38"5.; 8 <sup>m</sup> .8.
4077	108 186	Cap	Cordoba G. C. 19579	58.83	45.4	
4078	74 248	Königsberg, Lorek	Cordoba G. C. 19594	51.32	32.4	
4079	84 186	Madras	Cordoba Z. C. 1443	41.51	30.0	
4080	78 167 108 186	Warschau	Cordoba G. C. 19621	49.46	26.3	

NUM- MER.	NUMMER	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHLE DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHLE DER BEOB.	PRAECESSION IN DECL.		
	der nördl. u. südl. Bonner Durchmus- terung.	NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
4081	— 5°3892	8.2	8.2	8.3	71.90	75.0	14 <sup>h</sup> 23 <sup>m</sup> 8 <sup>s</sup> 29	3	+ 3.1465	+0.0104	+0.005	— 5°25' 27" 1	3	16" 268	+0" 275	+ 0.13
4082	— 14 3968	7.3	7.5	7.5	82.2	81.0	23 23.57	..	3.2775	+0.0152	0.004	—14 41 34.2	..	16.255	0.287	0.17
4083	— 14 3970	8.0	8.2	8.2	74.36	74.0	24 25.3	..	3.2844	+0.0154	0.004	—15 4 9.0	1	16.202	0.289	0.17
4084	— 12 4074	7.8	....	6	70.31	70.0	24 59.97	2	3.2495	+0.0140	0.004	—12 38 14.0	2	16.173	0.287	0.17
4085	— 12 4059	8.5	....	...	70.31	70.0	25 46.15	3	+ 3.2476	+0.0139	+0.004	—12 27 4.1	3	16.133	+0.288	0.17
4086	+ 77 543	8.9	....	9.2	81.8	81.0	26 3.00	4	— 0.4775	+0.1501	—0.118	+77 22 8.3	4	16.118	—0.034	0.07
4087	+ 29 2545	9.0	....	...	81.3	80.0	26 32.63	2	+ 2.6266	—0.0012	+0.007	+29 11 24.3	2	16.092	+0.235	0.09
4088	— 16 3892	7.2	7.0	7	82.20	81.0	27 9.32	3	3.3059	+0.0161	0.004	—16 16 5.2	3	16.060	0.295	0.17
4089	— 12 4086	9.0	....	9	66.41	66.0	27 21.08	2	3.2528	+0.0141	0.004	—12 41 41.3	1	16.050	0.291	0.17
4090	+ 1 2945	9.0	9	8.6	83.41	83.0	27 32.52	2	3.0526	+0.0076	0.004	+ 1 24 4.1	2	16.040	0.274	0.14
4091	+ 19 2824	8.2	9	...	80.43	80.0	29 28.15	2	2.7807	+0.0014	0.006	+19 45 46.2	2	15.938	0.253	0.11
4092	+ 19 2827	8.2	8	...	80.39	80.0	29 39.36	2	2.7798	+0.0014	0.006	+19 48 9.6	2	15.928	0.253	0.11
4093	.....	...	7.7	7½	66.01	72.0	30 6.77	5	3.6419	+0.0307	0.004	—34 58 27.4	5	15.904	0.330	0.23
4094	.....	...	7.5	8½	73.31	72.0	31 18.08	5	3.6474	+0.0315	0.004	—35 3 4.1	5	15.841	0.333	0.23
4095	+ 20 2996	8.5	....	8-9	80.44	80.0	31 40.63	1	2.7676	+0.0013	0.005	+20 20 43.0	1	15.820	0.255	0.11
4096	+ 20 2997	8.2	....	8	80.44	80.0	31 43.03	1	2.7667	+0.0013	0.005	+20 23 35.9	1	15.818	0.255	0.11
4097	— 2 3874	8.0	8	7-8	80.34	80.0	32 1.56	3	+ 3.1096	+0.0093	+0.004	— 2 36 3.8	3	15.802	+0.286	0.14
4098	+ 77 548	8.2	....	8	81.8	81.0	32 4.52	4	— 0.5274	+0.1479	—0.126	+77 6 52.3	4	15.799	—0.040	0.07
4099	— 17 4138	7.8	8	8-9	82.2	81.0	32 25.87	..	+ 3.3300	+0.0167	+0.004	—17 20 46.0	..	15.780	+0.306	0.17
4100	+ 29 2562	9.0	....	9	81.3	80.0	32 59.96	2	2.6045	—0.0008	0.006	+29 28 15.0	2	15.749	0.242	0.09
4101	— 19 3939	7.3	7.8	7-8	82.20	81.0	34 23.54	3	3.3658	+0.0179	0.004	—19 23 23.6	3	15.673	0.313	0.13
4102	— 5 3927	8.3	....	8.2	72.33	72.0	34 23.86	2	3.1587	+0.0107	0.003	— 5 55 15.0	2	15.673	0.294	0.15
4103	— 18 3879	8.0	8.0	8	82.21	81.0	34 49.18	3	3.3460	+0.0171	0.003	—18 7 58.0	3	15.650	0.312	0.13
4104	+ 17 2768	3.8	....	4.3	68.3	67.0	34 51.00	2	2.8173	+0.0024	0.005	+16 57 17.8	2	15.647	0.264	0.11
4105	+ 19 2839	9.1	9	...	80.39	80.0	35 5.78	2	2.7739	+0.0017	0.005	+19 36 30.9	2	15.635	0.260	0.10
4106	— 22 3829	7.2	6.5	8½	83.43	80.0	35 13.81	1	3.4260	+0.0202	0.003	—22 53 23.2	1	15.627	0.320	0.13
4107	+ 29 2568	7.8	....	...	81.3	80.0	35 58.12	2	2.5944	—0.0006	0.006	+29 36 0.5	2	15.587	0.245	0.09
4108	+ 18 2914	8.3	9	8-9	80.43	80.0	36 8.53	2	2.7917	+0.0020	0.005	+18 25 28.4	2	15.577	0.263	0.11
4109	+ 14 2773	9.5	....	...	67.5	67.0	36 24.87	..	2.8477	+0.0031	0.005	+14 54 37.7	..	15.562	0.269	0.11
4110	+ 18 2917	8.8	8	...	80.44	80.0	37 13.83	2	2.7872	+0.0020	0.005	+18 35 57.9	2	15.517	0.264	0.11
4111	— 2 3891	8.5	8	7-8	80.34	80.0	38 22.19	3	3.1099	+0.0093	0.003	— 2 31 53.2	3	15.454	0.295	0.14
4112	— 20 4087	6.4	7.0	6.8	82.20	81.0	39 5.68	3	3.3945	+0.0186	0.003	—20 38 39.8	3	15.413	0.323	0.13
4113	— 21 3961	7.8	8.9	8-9	82.21	81.0	39 20.73	3	3.4161	+0.0194	0.003	—21 52 30.2	3	15.399	0.326	0.13
4114	+ 17 2780	4.5	....	4.8	80.39	80.0	39 24.57	2	2.8022	+0.0024	0.005	+17 29 40.0	2	15.396	0.268	0.11
4115	+ 42 2531	7.0	....	7.6	74.39	75.0	40 46.84	2	2.2702	—0.0015	0.006	+42 54 27.5	2	15.318	0.220	0.06
4116	— 14 4036	8.7	9	9	75.41	80.0	42 24.12	2	3.3025	+0.0151	0.003	—14 49 16.4	2	15.227	0.320	0.17
4117	+ 16 2695	8.3	9	8-9	80.42	80.0	42 32.51	3	2.8116	+0.0028	0.005	+16 39 58.6	3	15.218	0.273	0.11
4118	.....	...	8.9	8½	82.27	81.0	42 42.46	4	3.4548	+0.0206	0.003	—23 41 55.7	4	15.209	0.335	0.19
4119	— 23 289	9.0	9.2	9	83.43	80.0	43 17.69	1	3.4447	+0.0201	0.003	—23 4 44.3	1	15.175	0.335	0.19
4120	+ 10 2750	8.9	....	9-10	70.29	70.0	43 43.83	2	2.9049	+0.0046	0.004	+10 48 53.4	2	15.151	0.284	0.12



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4081	104 197	Leipzig, Engelmann	Pulkowa Cat. 1875.0, 3231	8s 26	28"0	A. N. verbunden mit Santini, Bessel u. Ll. Bloss in $\delta$ genau bestimmt. E. B. $+0^s.0132 - 0''369$ , Stumpe A. N. 125, 409. » $+0.015 - 0.41$ , Porter Prop. Mot. 819. » $+0.0163 - 0.369$ , Argel. N <sup>o</sup> . 148. » $+0.0148 - 0.369$ , Bischof 148.
4082	108 186	Berlin	Armagh Cat. II 1687	23.55	32.6	
4083	86 319	Leiden, Valentiner	B. B. VI p. 375 Nr. 47	26.03	7.0	
4084	81 73	Berlin, Tietjen	M <sub>1</sub> 10254	59.74	14.4	
4085	81 73	Berlin, Tietjen	Kam 2762	46.17	6.8	
4086	111 91	Königsberg, Rahts	Kasan A. G. Z. Vol. I p. 214,	3.33	8.3	
4087	105 353	Dorpat, Lindstedt	B. D. 2545 [216 u. 218]	31.8	10' 3	
4088	108 186	Cap	Argel.-Weiss 11266	9.16	4"0	
4089	67 383	Washington, Rogers	Weisse, 470 B. Z. 245	20.82	39.2	
4090	106 327	Neuenburg, Hilfiker	Albany A. G. C. 4987	32.57	5.6	
4091	98 139	Pola, J. Palisa	Rümker 4755	28.09	47.1	Beri. A. G. C. B. 5116, 40 <sup>s</sup> .63, 43"5; 7 <sup>m</sup> .8, Beri. A. G. C. B. 5117, 43 <sup>s</sup> .02, 36"0, 7 <sup>m</sup> .9. Siehe Noten.
4092	98 139	Pola, J. Palisa	Rümker 4757	39.36	9.0	
4093	84 186	Madras	Cordoba G. C. 19805	6.73	26.1	
4094	84 166	Madras	Cordoba G. C. 19829	18.05	3.1	
4095	98 139	Pola, J. Palisa	Lalande 26679	40.45	42.4	
4096	98 139	Pola, J. Palisa	Lalande 26680	42.39	47.6	
4097	98 245 99 145	Berlin, Küstner	Trettenero 628	1.50	5.4	
4098	111 91	Königsberg, Rahts	Kasan A. G. Z. Vol. I p. 314	4.93	53.9	
4099	108 186	Berlin	Argel.-Weiss 11320 [u. 320]	26.16	42.9	
4100	105 353	Dorpat, Lindstedt	Weisse, 669 B. Z. 471	59.51	13.2	
4101	108 186	Cap	Argel.-Weiss 11345	23.70	21.8	A. N. um — 3 <sup>m</sup> corrigirt. Siehe Noten.  Dupl. $\pi$ Bootis. Siehe Noten.  Siehe Noten. Siehe Noten. Siehe Noten. Mehrere Male beobachtet. Siehe Noten bezüglich E. B.
4102	81 155	Leiden, E. Bakhuyzen	Yarnall 6154	23.90	15.1	
4103	108 186	Cap	Argel.-Weiss 11352	49.25	57.9	
4104	74 249	Königsberg, Lorek	Pulk. Cat. 1875.0, 3269	51.15	19.0	
4105	98 139	Pola, J. Palisa	B. D. 2839	6.6	38' 1	
4106	111 179, 108 186	Berlin	Cordoba G. C. 19910	13.65	23"0	
4107	105 353	Dorpat, Lindstedt	Rümker 4790	58.05	6.0	
4108	98 139	Pola, J. Palisa	Weisse, 746 B. Z. 289	8.45	36.3	
4109	71 254	Pulkowa, Gromadzki	B. D. 2773	24.5	54' 4	
4110	98 139	Pola, J. Palisa	Rümker 4797	13.34	7"4	
4111	98 245, 99 145	Berlin, Küstner	Trettenero 637	22.07	53.7	» Bootis E. B. O $\Sigma$ 285. Bonn A. G. C. 9605, 46 <sup>s</sup> .94, 26"9; 7 <sup>m</sup> .2.  Siehe Noten.
4112	108 186	Cap	Cordoba G. C. 20010	5.71	40.9	
4113	108 186	Cap	Argel.-Weiss 11408	20.52	31.0	
4114	98 139	Pola, J. Palisa	Greenw. 10 Year Cat. 2281	24.47	41.1	
4115	86 111	Hamburg, Pechüle	Pulkowa Cat. 1875.0 3292	46.81	27.0	
4116	88 23	Berlin, Becker	Santini, 1335	23.96	14.4	
4117	98 239	Pola, J. Palisa	Weisse, 896-8, B. Z. 287, 288,	32.29	1.6	
4118	108 187	Cap	Cordoba G. C. 20093 [289]	42.53	56.2	
4119	111 179, 108 187	Berlin, Knorre	Cordoba G. C. 20105	17.73	48.4	
4120	81 73	Berlin, Tietjen	Weisse, 799 B. Z. 162	44.18	59.2	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHEN DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. sacc.	3. Glied.			Var. annua.	Var. sacc.	3. Glied.
4121	.....	...	8.5	8.8	82.22	81.0	14 <sup>h</sup> 43 <sup>m</sup> 59 <sup>s</sup> 15	3	+ 3 <sup>s</sup> 4689	+0 <sup>s</sup> 0210	+0 <sup>s</sup> 003	-24° 19' 58" 0	3	15" 136	+0.339	+ 0' 15
4122	+ 12° 2751	7.8	....	8	70.30	70.0	44 1.22	3	2.8720	+0.0039	0.004	+12 51 26.9	3	15.134	0.281	0.11
4123	.....	...	6-7	7½	82.20	81.0	44 2.20	3	3.4508	+0.0203	0.003	-23 20 25.0	3	15.133	0.337	0.11
4124	+ 29 2581	6.2	....	6.2	81.3	80.0	44 35.38	2	2.5819	0.0000	0.005	+29 8 4.7	2	15.101	0.254	0.06
4125	.....	...	8.0	8	82.30	81.0	45 21.80	3	3.4828	+0.0214	0.002	-24 56 8.2	3	15.057	0.342	0.11
4126	- 14 4055	7.7	8	8½	75.40	80.0	45 37.53	2	3.3071	+0.0151	0.003	-14 52 22.3	2	15.041	0.325	0.17
4127	.....	7½	7-8	8½	82.22	81.0	46 37.56	3	3.5099	+0.0223	0.002	-26 13 10.3	3	14.983	0.346	0.11
4128	+ 15 2784	7.2	8	7.2	80.43	80.0	47 3.78	2	2.8228	+0.0032	0.004	+15 38 45.7	2	14.958	0.280	0.11
4129	+ 29 2592	8.0	....	8	81.3	80.0	47 50.75	3	+ 2.5764	+0.0002	+0.005	+29 1 1.2	3	14.912	+0.257	0.07
4130	+ 76 536	7.5	....	7.5	81.8	81.0	48 24.84	3	- 0.6786	+0.1436	-0.207	+76 33 34.1	3	14.879	-0.060	0.25
4131	- 9 4029	8.2	....	8	66.43	65.0	48 47.03	2	+ 3.2269	+0.0125	+0.002	- 9 46 20.9	2	14.856	+0.322	0.16
4132	+ 15 2792	7.2	....	...	80.39	80.0	49 7.89	2	2.8230	+0.0033	0.004	+15 29 13.4	2	14.837	0.283	0.11
4133	.....	...	8.5	9.3	82.49	81.0	49 29.73	3	3.5372	+0.0230	0.002	-27 17 43.1	3	14.815	0.354	0.19
4134	.....	...	7.0	6.5	82.20	81.0	49 46.31	3	3.5652	+0.0241	0.002	-28 39 2.0	3	14.799	0.357	0.19
4135	- 15 5989	8.2	8	8	80.24	80.0	50 1.63	4	3.3280	+0.0155	0.002	-15 48 19.6	3	14.784	0.334	0.16
4136	» » »	»	8.3	8	80.41	80.0	1.69	3	»	»	»	19.7	3	»	»	»
4137	.....	...	8.0	9	82.22	81.0	50 4.05	3	3.5436	+0.0232	0.002	-27 33 2.1	3	14.781	0.355	0.19
4138	- 15 3990	8.2	8	8	80.25	80.0	50 9.43	4	3.3316	+0.0156	0.002	-16 0 33.8	5	14.776	0.335	0.16
4139	» » »	»	8	8	80.46	80.0	9.52	3	»	»	»	32.9	3	»	»	»
4140	- 21 4000	7.7	....	7.5	81.4	81.0	50 15.70	..	3.4311	+0.0190	0.002	-21 38 42.9	..	14.770	0.345	0.18
4141	- 3 3696	4.8	6	4.6	67.47	65.0	50 39.54	2	3.1330	+0.0099	0.002	- 3 50 7.1	2	14.747	0.316	0.14
4142	- 15 3993	8.7	8.2	8	80.30	80.0	50 40.94	4	3.3305	+0.0156	0.002	-15 54 23.0	4	14.745	0.335	0.16
4143	» » »	»	8	8	80.46	80.0	40.94	3	»	»	»	22.2	3	»	»	»
4144	.....	...	8.9	8½	82.50	81.0	50 52.89	4	3.5536	+0.0235	0.002	-27 57 9.8	4	14.733	0.358	0.20
4145	.....	...	9.0	9	82.30	81.0	52 15.13	3	3.5975	+0.0250	0.002	-29 55 3.3	3	14.652	0.364	0.20
4146	.....	...	8.9	9	82.21	81.0	52 21.69	3	3.5965	+0.0249	0.002	-29 51 27.9	3	14.645	0.364	0.20
4147	+ 14 2812	7.0	....	7-8	80.39	80.0	52 21.76	2	2.8354	+0.0037	0.004	+14 32 21.5	2	14.645	0.289	0.11
4148	- 21 4009	8.3	....	9	84.37	84.0	52 43.97	2	3.4326	+0.0188	0.002	-21 29 48.5	2	14.623	0.349	0.15
4149	» » »	»	....	9	81.4	81.0	44.03	2	»	»	»	47.4	2	»	»	»
4150	- 23 292	8.7	8.8	9½	70.40	70.0	52 59.04	2	3.4628	+0.0199	0.001	-23 5 37.5	2	14.608	0.352	0.19
4151	- 10 4007	7.5	....	8	67.41	65.0	53 7.17	2	3.2410	+0.0127	0.002	-10 25 47.9	2	14.600	0.330	0.15
4152	+ 15 2802	8.2	7.5	8	73.36	73.0	53 10.40	1	2.8166	+0.0034	0.003	+15 34 45.2	1	14.596	0.288	0.10
4153	- 22 3879	8.0	....	7-8	81.4	81.0	53 17.86	..	3.4494	+0.0193	0.002	-22 21 3.8	..	14.589	0.351	0.17
4154	.....	...	9.0	9½	82.23	81.0	53 39.39	3	3.5843	+0.0243	0.001	-29 7 50.9	3	14.567	0.365	0.20
4155	+ 7 2878	9.5	....	...	67.5	67.0	54 0.87	..	2.9594	+0.0060	0.004	+ 6 59 29.5	..	14.546	0.303	0.12
4156	.....	9.3	9.3	9.1	70.41	70.0	54 5.64	2	3.4669	+0.0199	0.001	-23 12 8.0	2	14.541	0.354	0.18
4157	- 21 4011	9.1	....	9.0	81.4	81.0	54 16.42	1	3.4396	+0.0189	0.001	-21 44 10.7	1	14.530	0.352	0.17
4158	- 16 3986	8.6	8.8	8-9	80.67	80.0	54 24.62	4	3.3434	+0.0158	0.001	-16 23 22.0	4	14.521	0.342	0.17
4159	» » »	»	9	...	80.43	80.0	24.74	2	»	»	»	22.3	2	»	»	»
4160	- 16 3987	...	8.5	8-9	80.71	80.0	54 29.88	4	3.3461	+0.0159	0.001	-16 32 11.3	4	14.518	0.343	0.16

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
4121	108 187	Cap	Cordoba D.M. — 24° 11709	58.6	20' 6	
4122	81 73	Berlin, Tietjen	Lalande 27030	0.79	36" 2	Siehe Noten.
4123	108 187	Cap	Cordoba G. C. 20123	2.21	23.8	
4124	105 353	Dorpat, Lindstedt	Pulkowa Obs. Vol. VIII [p. 280, 2159]	35.47	5.0	{ Verbunden mit Pi., Taylor, Yarnall u. Grw. 9 Y. Cat. E. B. 0.000 + 0".025.
4125	108 187	Cap	Cordoba G. C. 20144	21.87	8.4	
4126	88 23	Berlin, Becker	Cordoba G. C. 20150	37.52	21.1	
4127	108 187	Cap	Cordoba Z. C. 2965	37.73	10.3	
4128	98 139	Pola, J. Palisa	Armagh Cat. II 1730	3.71	45.6	
4129	105 353	Dorpat, Lindstedt	Weisse, 1015-6, B.Z. 366-7	51.13	0.1	A. N., verbunden mit 4 Pariser Mer. Beob.; siehe Noten.
4130	111 91	Königsberg, Rahts	Kasan A. G. Z. Vol. Ip. 318 u. 320	25.25	37.1	
4131	69 73	Berlin, Romberg	Weisse, 894 B.Z. 243	47.06	22.7	Santini, — 10° 323, 46s.95, 46' 23".1; 8m.
4132	98 139	Pola, J. Palisa	Rümker 4859	7.73	9.4	
4133	108 188	Cap	Gill-Kapteyn Photogr. D. M.	30.0	17' 7	
4134	108 188	Cap	Cordoba G. C. 20247	46.39	3" 0	
4135	110 291	Leiden, E. Bakhuyzen, [Stieltjes u. Wilterd.]	Argel.-Weiss 11538	1.48	16.7	Siehe Noten.
4136	110 291	Cap	M <sub>1</sub> 10733	1.75	17.7	
4137	108 188	Cap	Cordoba Z. C. 3171	4.12	0.2	
4138	110 291	Leiden, E. Bakhuyzen, [und Wilterdink]	Argel.-Weiss 11541	9.42	33.1	
4139	110 291	Cap	M <sub>1</sub> 10739	9.85	34.8	
4140	102 288	Berlin	B. B. VI p. 355 Nr. 95	16.08	36.3	{ Berlin, verbunden mit Pola Mer. Beob.. E. B. — 0s.008 — 0".16, Porter Prop. Mot. 850.
4141	72 113	Berlin, Romberg	Pulkowa Obs. Vol. VIII [p. 281, 2171]	39.60	7.5	
4142	110 293	Leiden, E. Bakhuyzen, [Stieltjes u. Wilterd.]	Argel.-Weiss 11549	40.98	20.9	E. B. { — 0s.0061 — 0".151, Stumpe A. N. 125. 410. — 0.0061 — 0.155 nach Pulk. Cat. 16 Librae. — 0.007 — 0.19 „ Porter Prop. Mot. 851.
4143	110 293	Cap	M <sub>1</sub> 10752	40.55	18.9	
4144	108 188	Cap	Cordoba Z. C. 3235	53.01	7.8	
4145	108 188	Cap	Cordoba Z. C. 3318	15.14	2.4	
4146	108 188	Cap	Cordoba G. C. 20324	21.69	28.0	
4147	98 139	Pola, J. Palisa	Brüssel Cat. 5998	21.76	21.8	
4148	111 75	Bonn, Deichmüller	Argel.-Weiss 11572	45.30	28.3	
4149	102 288	Berlin	Tacchini-Holden 516	44.60	39.7	E. B. Siehe Noten.
4150	79 75, 76 353	Leipzig, Engelmann	Cordoba G. C. 20336	58.78	38.3	A. N. 76 A. R. um 0s.03 grösser, $\delta$ um 0".1 südlicher.
4151	72 113	Berlin, Romberg	Cordoba G. C. 20339	7.20	46.4	
4152	88 136	Wien, Holetschek	Weisse, 1131-2, B.Z. 284 u. 288	10.45	45.3	
4153	102 288	Berlin	Argel.-Weiss 11575	17.71	1.6	Berlin gemischt mit Pola. Siehe Noten.
4154	108 188	Cap	Cordoba Z. C. 3417	39.47	52.7	
4155	71 254	Pulk., Gromadzki	B D. 2878	57.3	0' 5	Mehrere Male beobachtet.
4156	79 75, 76 353	Leipzig, Engelmann	Leander Durchm. 4592	5.8	12' 3	A. N. 76 $\delta$ um 1".0 nördlicher.
4157	102 288	Berlin	Argel.-Weiss 11584	16.16	19" 4	Cincinnati Zones 2553, 16s.69, 7" 4; 9m.2
4158	110 293	Leiden, E. Bakhuyzen, [Stieltjes u. Wilterd.]	Argel.-Weiss 11586	24.57	19.7	
4159	110 293	Cap	.....	.....	.....	
4160	110 293	Leiden, Stieltjes und [Wilterdink]	Argel.-Weiss 11588	29.72	9.5	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHl DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHl DER BEOB.	PRAECESSION IN DECL		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
4161	— 16°3987	...	8.9	...	80.45	80.0	14 <sup>h</sup> 54 <sup>m</sup> 29 <sup>s</sup> 90	3	+ 3 <sup>s</sup> 3461	+0 <sup>s</sup> 0159	+0 <sup>s</sup> 0001	—16°32' 11"7	3	14"518	+0"343	+ 0"16
4162	— 2 3930	6.5	7	6.9	80.34	80.0	55 5.12	4	3.1153	+0.0094	0.002	— 2 39 55.2	4	14.481	0.320	0.13
4163	— 21 4015	8.0	8.0	8.9	82.2	81.0	55 18.75	..	3.4373	+0.0187	0.001	—21 31 12.8	..	14.468	0.353	0.17
4164	.....	...	....	...	75.28	75.0	55 46.43	2	2.2105	0.0000	0.004	+42 53 7.4	2	14.440	0.230	0.06
4165	— 17 4243	6.8	7	7	80.29	80.0	56 5.08	3	3.3588	+0.0161	0.001	—17 8 18.9	4	14.421	0.346	0.16
4166	» » »	»	6.5	7.2	80.48	80.0	5.14	3	»	»	»	18.3	3	»	»	»
4167	.....	...	8.9	8½	82.20	81.0	56 56.39	..	3.5993	+0.0244	0.000	—29 28 21.6	..	14.369	0.372	0.20
4168	— 2 3937	8.5	8.9	9	80.34	80.0	56 58.75	4	3.1159	+0.0094	0.002	— 2 40 35.7	4	14.366	0.323	0.13
4169	— 10 4019	8.0	....	7.0	66.43	65.0	57 7.43	1	3.2454	+0.0127	0.001	—10 30 41.0	1	14.357	0.336	0.15
4170	— 10 4021	8.6	....	8	66.43	65.0	57 30.78	1	3.2461	+0.0127	0.001	—10 32 3.0	1	14.333	0.337	0.15
4171	+ 28 2391	7.0	....	7.0	81.3	80.0	57 46.34	2	2.5585	+0.0008	0.004	+28 45 29.9	2	14.318	0.267	0.08
4172	+ 13 2889	8.3	....	8.9	80.39	80.0	58 1.55	2	2.8456	+0.0041	0.003	+13 35 49.0	2	14.302	0.297	0.10
4173	— 21 4028	7.6	....	7.1	81.4	81.0	58 50.40	..	3.4506	+0.0189	0.001	—21 55 0.8	..	14.252	0.360	0.17
4174	— 6 4130	7.3	....	8	73.46	73.0	58 54.47	2	3.1799	+0.0109	0.002	— 6 31 32.0	2	14.248	0.332	0.14
4175	— 10 4029	8.7	....	9.2	65.46	65.0	59 18.53	1	3.2505	+0.0138	0.001	—10 42 35.5	1	14.223	0.340	0.15
4176	» » »	»	....	9	66.45	65.0	18.53	2	»	»	»	36.8	2	»	»	»
4177	+ 12 2786	8.2	....	8.4	80.43	80.0	59 34.14	2	2.8696	+0.0045	0.003	+12 7 14.4	2	14.207	0.301	0.11
4178	— 23 293	9.1	....	9	81.4	81.0	59 35.86	..	3.4755	+0.0196	0.000	—23 8 14.3	..	14.205	0.364	0.15
4179	+ 42 2563	9.2	....	9	74.39	75.0	59 56.89	2	2.1966	+0.0004	0.004	+42 48 54.4	2	14.184	0.232	0.06
4180	— 2 3944	9.1	10	9.1	67.5	67.0	15 0 14.24	..	3.1166	+0.0094	0.002	— 2 41 6.6	..	14.166	0.327	0.13
4181	» » »	»	....	...	74.37	74.0	15.97	3	»	»	»	8.1	3	»	»	»
4182	— 5 4011	8.8	9	8.8	67.41	67.0	0 21.15	2	3.1609	+0.0104	0.002	— 5 20 58.4	2	14.159	0.332	0.14
4183	+ 11 2772	8.3	....	9	80.39	80.0	0 42.49	2	2.8785	+0.0047	0.003	+11 32 58.8	2	14.137	0.304	0.11
4184	— 7 3963	8.0	....	8.3	73.46	73.0	1 33.55	2	3.1961	+0.0113	0.002	— 7 24 57.5	2	14.084	0.338	0.14
4185	+ 19 2924	6.1	7.0	7	72.84	70.0	1 36.51	5	2.7458	+0.0028	0.004	+18 55 34.7	5	14.081	0.291	0.09
4186	— 11 3886	7.8	8	...	65.46	65.0	2 7.34	1	3.2630	+0.0130	0.001	—11 18 33.8	1	14.048	0.345	0.15
4187	+ 11 2775	8.2	9	9	80.43	80.0	2 9.20	2	2.8799	+0.0048	0.003	+11 23 44.9	2	14.047	0.306	0.11
4188	— 5 4017	7.5	....	8½	67.5	67.0	2 13.49	..	3.1672	+0.0106	0.002	— 5 40 43.4	..	14.042	0.336	0.14
4189	» » »	»	....	8.5	67.42	67.0	13.52	2	»	»	»	43.1	2	»	»	»
4190	— 6 4141	8.4	8.5	8.5	67.42	67.0	2 17.76	2	3.1742	+0.0107	0.002	— 6 5 48.0	2	14.038	0.336	0.14
4191	— 5 4018	8.5	....	9	73.46	73.0	2 20.23	2	3.1582	+0.0103	0.002	— 5 8 46.5	2	14.035	0.335	0.14
4192	— 11 3891	8.8	....	9	65.46	65.0	2 50.06	1	+ 3.2599	+0.0129	+0.001	—11 5 47.2	1	14.004	+0.346	0.15
4193	+ 76 546	9.5	....	...	81.8	81.0	2 57.93	4	— 0.7955	+0.1379	—0.177	+76 5 43.2	2	13.996	—0.077	0.25
4194	— 4 3818	7.0	7	7½	67.43	67.0	3 1.03	2	+ 3.1546	+0.0102	+0.002	— 4 54 51.3	2	13.993	+0.335	0.14
4195	» » »	»	....	8.9	67.7	67.0	1.16	2	»	»	»	49.4	2	»	»	»
4196	» » »	»	....	7	67.5	67.0	1.27	1	»	»	»	50.6	1	»	»	»
4197	— 3 3735	9.0	9	9.0	67.88	67.0	3 1.35	2	3.1343	+0.0098	0.002	— 3 42 31.6	2	13.992	0.333	0.13
4198	— 6 4146	7.9	....	8.9	75.28	75.0	3 18.57	2	3.1771	+0.0108	0.002	— 6 14 21.8	2	13.974	0.338	0.14
4199	» » »	»	....	9	67.4	67.0	18.63	2	»	»	»	18.4	2	»	»	»
4200	— 15 4041	9.2	9.1	9	81.36	55.0	3 22.00	1	3.3449	+0.0152	+0.001	—15 52 9.2	1	13.971	0.356	0.16

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4161	110 293	Cap	.....	.....	.....	
4162	98 245, 99 145	Berlin, Küstner	Cordoba G. C. 20385	5 <sup>s</sup> 21	56" 4	
4163	108 188	Berlin	Argel.-Weiss 11595	18.59	8.8	Berlin getrennt von A. Ö. 14173.
4164	89 23 u. 37	Leiden, E. Bakhuyzen	Leiden Mikrom. Anschluss	45.3	53'.	A. N. 89 37 A. R. um 0 <sup>s</sup> .05 kleiner, $\delta$ um 0".6 südlicher.
4165	110 299	Leiden, E. Bakhuyzen [u. Stieltjes]	Greenw. 7 Y. Cat. 1191	5.05	18" 4	E. B. nach Gr. Cat. + 0 <sup>s</sup> .011 — 0".09 [S. Noten.]
4166	110 299	Cap	Armagh Cat. II 1744	5.09	12.6	
4167	108 188	Cap	Cordoba Z. Cat. 3620	56.45	20.3	
4168	98 245, 99 145	Berlin, Küstner	Trettenero 663	58.66	36.3	
4169	69 73	Berlin, Romberg	Yarnall 6293	7.35	40.5	
4170	69 73	Berlin, Romberg	Weisse, 1063, B. Z. 243	30.87	2.5	A. N. $\delta$ um + 20" corrigirt. Siehe Noten.
4171	105 353	Dorpat, Lindstedt	Armagh Cat. II 1748	46.48	29.7	
4172	98 139	Pola, J. Palisa	Weisse, 1079, B. Z. 85	1.87	50.3	
4173	102 288	Berlin	Yarnall 6306	50.24	2.7	A. N. $\delta$ um — 20" corrigirt. Berlin verbunden mit Pola. [Siehe Noten.]
4174	86 313	Leiden, Valentiner	M <sub>1</sub> 10911	54.84	33.3	
4175	69 73	Berlin, Romberg	M <sub>2</sub> 5595	18.28	39.1	A. N. $\delta$ um + 16".9 corr. cf. Publ. XVIII der A. G. u. A. N. 72 116.
4176	72 113	Berlin, Romberg	Kam 2954	18.21	39.6	
4177	98 139	Pola, J. Palisa	Pulkowa Cat. 1875.0 3348	34.09	14.1	Dupl. $\Sigma$ 1907 praec. austr. maj. E. B. 0 <sup>s</sup> .000 — 0".10 genähert.
4178	102 287	Berlin	Argel.-Weiss 11653	35.50	12.3	Mittel aus 1 Berl. u. 1 Polaer Beob. Siehe Noten.
4179	86 111	Hamburg, Pechüle	Weisse, 1291, B. Z. 473	56.94	55.8	Bonn A. G. C. 9767, 56 <sup>s</sup> .81, 54".3; 9 <sup>m</sup> .3.
4180	72 139	Kremsmünster	B. B. VI p. 375	16.07	6.3	Scheinb. Aeq. 1867 Mai 10. Red. — 2 <sup>s</sup> .190; + 2".73. S. Noten.
4181	86 316	Leiden, Valentiner	.....	.....	.....	
4182	69 205, 72 114	Berlin, Romberg	B. B. VI p. 375	21.11	56.5	
4183	98 139	Pola, J. Palisa	Weisse, 1125, B. Z. 164	42.85	58.7	
4184	86 313	Leiden, Valentiner	Schjellerup 5378-9	33.57	51.9	E. B. { — 0 <sup>s</sup> .011 — 0".47, nach Porter Prop. Mot. 862. — 0.0086 — 0.417, » Stumpe A. N. 125, 410.
4185	104 197	Leipzig, Engelmann	Brüssel Cat. 6058	36.49	33.3	
4186	69 73	Berlin, Romberg	Kam 2961	7.21	37.9	
4187	98 139	Pola, J. Palisa	Weisse, 1162, B. Z. 164	9.42	46.8	Weisse u. B. Z. sind um — 10 <sup>s</sup> zu corr. nach Arg. Fehl. Verz.
4188	69 316	Dublin	Cordoba G. C. 20552	13.55	41.0	Scheinb. Aeq. 1867 Mai 30: Red. — 2 <sup>s</sup> .317 + 1".58.
4189	72 114, 69 205	Berlin, Romberg	B. B. VI p. 375	13.57	42.0	A. N. um — 10 <sup>s</sup> corrigirt cf. Romb. Publ. XVIII der A. G. [u. A. N. 75 282]
4190	72 114, 69 205	Berlin, Romberg	Schjellerup 5381	17.69	45.8	
4191	86 313	Leiden, Valentiner [u. E. Bakhuyzen]	Schjellerup 5383	20.35	46.1	
4192	69 73	Berlin, Romberg	Schjellerup 5386	49.99	45.8	
4193	111 92	Königsberg, Rahts	B. D. 546	4	6' 7	
4194	72 114, 69 205, 75 279	Berlin, Romberg	Cordoba G. C. 20563	0.87	50" 8	A. N. 75, $\delta$ um 1".3 nördlicher.
4195	74 247	Königsberg, Lorek	Santini — 4° 312	1.43	51.6	
4196	70 121	Berlin, Romberg	Yarnall 6347	0.91	50.2	Berlin verbunden mit Lal., Weisse u. Rümker.
4197	72 114, 69 205	Berlin, Romberg	B. D. 3735	1.7	42' 5	A. N. 69, A. R. um 0 <sup>s</sup> .04 kleiner, $\delta$ um 0".6 nördlicher.
4198	89 23	Leiden, E. Bakhuyzen	M <sub>1</sub> 11008	18.91	18" 7	v. Kuffner'sche Sternw. Zone 44, 18 <sup>s</sup> .41, 22".0; 8 <sup>m</sup> .3.
4199	74 247	Königsberg, Lorek	Weisse, 18, B. Z. 167	18.99	23.6	S. Noten. { — 0 <sup>s</sup> .065 — 3".65, nach A. N. 100 11. — 0.067 — 3.64, » Porter Prop. Mot. 865.
4200	100 11	Bonn, Deichmüller	Argel.-Weiss 11702	24.10	14.3	E. B. . . . { — 0.0682 — 3.555, » Stumpe A. N. 125 410. — 0.0676 — 3.601, » M <sub>2</sub> Nr. 46, S. E 35.

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHEN DER		MITTLERE A.R. 1875.0		ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. sacc.	3. Glied.
4201	— 15°4042	9.0	8.7	9	81.35	55.0	15h	3m 22s 30	1	+ 3s 3434	+0s 0151	+0s 0001	—15°47' 8"6	1	13"970	+0" 356	+0" 16
4202	— 5 4025	9.4	....	9.4	74.44	74.0		4 0.25	2	3.1695	+0.0106	0.002	— 5 46 18.1	2	13.931	0.338	0.14
4203	— 6 4147	8.3	....	8.5	73.97	74.0		4 2.13	2	3.1915	+0.0111	0.001	— 7 4 8.4	2	13.929	0.341	0.14
4204	— 4 3823	9.2	....	...	73.46	73.0		4 12.86	2	3.1463	+0.0100	0.002	— 4 23 30.5	2	13.917	0.336	0.14
4205	— 15 4046	9.8	....	9.8	74.37	74.0		4 27.27	2	3.3406	+0 0150	0.001	—15 33 38.4	2	13.902	0.357	0.16
4206	+ 28 2407	9.2	....	9	81.3	80.0		4 39.38	2	2.5525	+0.0012	0.004	+28 19 13.8	2	13.889	0.274	0.08
4207	— 15 4047	6.5	6.5	6-7	75.41	80.0		4 50.99	2	3.3433	+0.0151	+0.001	—15 41 6.1	2	13.877	0.358	0.16
4208	— 18 3997	6.6	....	6.7	66.31	66.0		5 6.50	2	3.3980	+0.0167	0.000	—18 37 58.5	2	13.861	0.363	0.16
4209	— 5 4029	8.7	....	8.7	67.5	67.0		5 6.58	2	3.1630	+0.0104	+0.002	— 5 21 51.6	2	13.861	0.339	0.14
4210	— 4 3828	8.0	....	8.5	74.08	74.0		5 9.61	3	3.1569	+0.0103	0.002	— 5 0 29.8	3	13.858	0.339	0.14
4211	— 2 3957	9.4	....	9.4	67.5	67.0		5 34.56	..	3.1164	+0.0093	0.002	— 2 36 48.3	..	13.831	0.335	0.15
4212	» » »	»	....	...	68.38	65.0		34.86	1	»	»	»	48.3	1	»	»	»
4213	— 6 4154	8.7	....	9.1	73.47	73.0		5 35.67	2	3.1794	+0.0108	0.002	— 6 18 48.0	2	13.830	0.342	0.14
4214	+ 10 2803	7.8	9	8	80.39	80.0		5 36.74	2	2.8911	+0.0051	0.003	+10 35 52.9	2	13.829	0.311	0.11
4215	+ 10 2804	7.1	7	8	80.43	80.0		5 46.52	2	2.8894	+0.0050	0.003	+10 41 19.6	2	13.819	0.311	0.11
4216	— 4 3831	9.3	....	9.3	67.5	67.0		6 28.87	..	3.1418	+0.0099	0.002	— 4 5 30.8	..	13.774	0.339	0.15
4217	— 4 3832	8.0	....	...	67.5	67.0		6 36.67	..	3.1436	+0.0099	0.002	— 4 11 46.1	..	13.765	0.339	0.15
4218	» » »	»	....	10	73.46	73.0		36.88	2	»	»	»	41.3	2	»	»	»
4219	— 11 3909	8.3	....	9	67.41	65.0		6 56.43	2	3.2776	+0.0132	0.001	—11 54 39.9	2	13.745	0.354	0.14
4220	— 2 3958	9.5	....	...	74.43	74.0		7 22.16	1	3.1095	+0.0092	0.002	— 2 11 22.7	1	13.717	0.336	0.15
4221	+ 28 2412	7.9	....	7.9	81.3	80.0		7 29.45	2	2.5446	+0.0013	0.004	+28 24 2.9	2	13.709	0.276	0.08
4222	— 1 3035	8.8	....	8.7	67.5	67.0		7 31.01	..	3.1054	+0.0091	0.002	— 1 56 52.3	..	13.708	0.336	0.15
4223	» » »	»	....	8.8	75.30	75.0		31.06	1	»	»	»	52.4	1	»	»	»
4224	» » »	»	....	8.8	67.5	67.0		31.09	2	»	»	»	53.4	2	»	»	»
4225	— 8 3927	8.9	....	9	73.46	73.0		7 38.69	2	3.2161	+0.0116	0.001	— 8 22 32.9	2	13.700	0.348	0.14
4226	— 5 4034	8.1	8.9	8.5	67.41	67.0		7 51.80	2	3.1660	+0.0104	0.002	— 5 28 51.5	2	13.686	0.343	0.15
4227	— 2 3960	6.7	....	7-8	66.5	66.0		7 57.83	2	3.1217	+0.0094	0.002	— 2 53 49.2	2	13.679	0.338	0.15
4228	» » »	»	....	6.7	67.5	67.0		57.93	2	»	»	»	48.5	2	»	»	»
4229	» » »	»	7	7.8	67.38	67.0		57.97	2	»	»	»	47.3	2	»	»	»
4230	» » »	»	....	7½	67.5	67.0		58.03	..	»	»	»	47.4	..	»	»	»
4231	— 4 3840	6.5	....	6.8	74.42	74.0		8 15.17	1	3.1585	+0.0102	0.002	— 5 2 10.9	1	13.661	0.343	0.14
4232	— 4 3843	9.5	....	10	74.45	74.0		8 27.29	1	3.1572	+0.0102	0.002	— 4 57 19.0	1	13.648	0.343	0.14
4233	— 1 3041	8.0	....	8.0	67.5	67.0		8 28.80	..	3.1055	+0.0091	0.002	— 1 56 47.6	..	13.646	0.338	0.15
4234	» » »	»	8	8	67.32	67.0		28.84	2	»	»	»	50.2	2	»	»	»
4235	» » »	»	....	8.0	67.40	67.0		28.96	2	»	»	»	49.1	2	»	»	»
4236	» » »	»	7.7	8	67.5	67.0		28 99	3	»	»	»	51.0	3	»	»	»
4237	— 2 3962	9.3	....	9.3	67.5	67.0		8 41.33	..	3.1137	+0.0092	0.002	— 2 25 12.7	..	13.633	0.339	0.15
4238	» » »	»	....	9.3	68.38	65.0		41.69	1	»	»	»	16.7	1	»	»	»
4239	— 1 430	10	....	10	67.5	67.0		8 43.16	..	3.1062	+0.0091	0.002	— 1 58 59.0	..	13.631	0.338	0.15
4240	— 2 3963	9.1	....	8.9	67.5	67.0		8 47.59	1	3.1111	+0.0092	0.002	— 2 16 13.9	1	13.626	0.339	0.15

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4201	100 11	Bonn, Deichmüller	Argel.-Weiss 11703	24 <sup>s</sup> 36	12 <sup>m</sup> 5	E. B. { — 0 <sup>s</sup> .066 — 3 <sup>m</sup> .63 nach Porter Prop. Mot. Nr. 866. — 0 <sup>s</sup> .0676 — 3 <sup>m</sup> .547 » Stumpe A. N. 125, 410. — 0 <sup>s</sup> .0683 — 3 <sup>m</sup> .574 » M, E. Seite 35.
4202	86 316	Leiden, Valentiner	B. D. 4025	0.4	46' 8	
4203	86 316	Leiden, Valentiner	Schjellerup 5393-4	2.06	9 <sup>m</sup> 3	
4204	86 313	Leiden, Valentiner	A.N. 69 301, Mikr. Anschluss	12.72	31.6	
4205	86 317, 89 36	Leiden, Valentiner	B. D. 4046	27.6	33' 9	Σ 1914 seq. austr. maj.
4206	105 353	Dorpat, Lindstedt	Weisse, 59, B. Z. 366	39.41	14 <sup>m</sup> 2	
4207	88 23	Berlin, Becker	Argel.-Weiss 11722	51.03	1.7	
4208	69 379	Leiden, Kam u. v. [Hennekeler]	Cordoba G. C. 20602	6.31	56.7	
4209	69 239	Rom	Schjellerup 5401	6.64	49.1	Beob. unsicher, Stern schwach. A. N. verbunden mit Weisse.
4210	86 317	Leiden, Valentiner	Pulk. Cat. 1875.0 3370	9.53	30.6	
4211	71 253	Pulk., Gromadzki	Pulkowa Obs. Vol. VIII [p. 341, Nr. 910]	34.45	49.8	
4212	72 114	Berlin, Romberg	A.N. 90 231, Mikr. Anschluss	34.84	46.6	
4213	86 313	Leiden, E. Bakh. u. [Valentiner]	B. B. VI p. 375	35.56	48.5	Verbunden mit Struve und B.B. VI. E. B. — 0 <sup>s</sup> .001 — 0 <sup>m</sup> .134 [nach A. N.]
4214	98 139	Pola, J. Palisa	Glasgow Cat. I 3744	36.78	52.2	
4215	98 139	Pola, J. Palisa	Glasgow Cat. I 3746	46.46	18.0	
4216	69 316	Dublin	B. D. 3831	29.2	5' 5	
4217	69 316	Dublin	Göttingen Cat. II 3680	36.89	41 <sup>m</sup> 4	A. N. verbunden mit Schjellerup. A. N. um — 2 <sup>s</sup> corrigirt. Siehe Noten.
4218	86 314	Leiden, Valentiner	M <sub>1</sub> 11070	36.78	42.2	
4219	72 114	Berlin, Romberg	M <sub>1</sub> 11078	56.54	36.2	
4220	86 317	Leiden, Valentiner	A N. 70 109, Mikr. Anschluss	22.31	24.6	
4221	105 353	Dorpat, Lindstedt	Pulkowa Obs. Vol. VIII [p. 341 Nr. 912]	29.57	6.5	A. N. verbunden mit Schjellerup. A. N. um — 2 <sup>s</sup> corrigirt. Siehe Noten.
4222	69 316	Dublin	Schjellerup 5414	30.97	52.5	
4223	89 23	Leiden, Haga	Göttingen Cat. I 4328-9	30.91	51.5	
4224	72 114, 69 80 u. 205	Berlin, Romberg	B. B. VI p. 369 Nr. 3035	31.07	51.6	
4225	86 313	Leiden, Valentiner	Weisse, 96 B. Z. 244	38.86	34.3	Verbunden mit Struve und B.B. VI. E. B. — 0 <sup>s</sup> .001 — 0 <sup>m</sup> .134 [nach A. N.]
4226	72 114, 69 205 u. 376, 70 121	Berlin, Romberg	B. B. VI p. 375	51.84	48.7	
4227	73 63	Königsberg, Lorek	Glasgow Cat. I 3753	57.97	47.7	
4228	69 376	Warschau	Pulkowa Obs. Vol. VIII [p. 341 Nr. 913]	57.98	48.1	
4229	72 114, 69 205, 74 110	Berlin, Romberg	Santini — 2 <sup>o</sup> 277	58.07	50.3	A. N. verbunden mit Schjellerup. A. N. um — 2 <sup>s</sup> corrigirt. Siehe Noten.
4230	71 254	Pulk., Gromadzki	Cordoba G. C. 20678	57.94	47.9	
4231	86 317	Leiden, Valentiner	Cordoba G. C. 20689	15.17	9.9	
4232	86 317	Leiden, Valentiner	M <sub>1</sub> 11112	27.43	18.6	
4233	71 253	Pulk., Gromadzki	Göttingen Cat. I 4334-5	28.92	50.4	A. N. verbunden mit Schjellerup. A. N. um — 2 <sup>s</sup> corrigirt. Siehe Noten.
4234	72 114, 69 205 u. 74 110	Berlin, Romberg	Glasgow Cat. I 3755	28.83	50.4	
4235	71 175	Leipzig, Engelmann	Pulkowa Obs. Vol. VIII [p. 341 Nr. 914]	28.77	47.6	
4236	69 239	Rom	M <sub>1</sub> 11113	28.88	46.8	
4237	71 253	Pulk., Gromadzki	Pulkowa Obs. Vol. VIII [p. 341 Nr. 915]	41.33	13.1	A. N. verbunden mit Schjellerup. A. N. um — 2 <sup>s</sup> corrigirt. Siehe Noten.
4238	72 114	Berlin, Romberg	B. B. VI p. 375	41.31	11.4	
4239	69 316, 75 279	Dublin	B. D. 430 Seite [53] südl. [Durchm.]	42.4	58' 8	
4240	74 110	Hamburg	B. B. VI p. 375	47.60	13 <sup>m</sup> 3	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
4241	— 2°3963	9.1	....	9	67.5	67.0	15 <sup>h</sup> 8 <sup>m</sup> 47 <sup>s</sup> 72	2	+ 3 <sup>s</sup> 111	+0 <sup>s</sup> 0092	+0 <sup>s</sup> 002	— 2° 16' 16" 0	2	13" 626	+0" 339	+ 0" 13
4242	» »	»	9	9	67.34	67.0	47.73	2	»	»	»	14.9	2	»	»	»
4243	» »	»	....	...	67.4	67.0	47.79	6	»	»	»	14.9	6	»	»	»
4244	» »	»	9.2	...	67.37	67.0	47.81	2	»	»	»	12.9	2	»	»	»
4245	» »	»	....	...	67.5	67.0	47.84	2	»	»	»	13.8	2	»	»	»
4246	— 6 4162	8.9	....	9.1	74.45	74.0	8 56.52	1	3.1874	+0.0109	0.002	— 6 41 30.0	1	13.616	0.347	0.14
4247	— 6 4164	8.0	9	9	67.93	67.0	9 26.00	2	3.1803	+0.0107	0.002	— 6 16 21.6	2	13.585	0.347	0.14
4248	» »	»	....	9	73.91	74.0	26.02	2	»	»	»	20.0	2	»	»	»
4249	+ 0 3327	5.9	6	5.6	67.47	65.0	9 27.13	2	3.0579	+0.0081	0.002	+ 0 50 11.0	2	13.583	0.334	0.12
4250	— 1 3042	8.8	9	9.10	67.46	65.0	9 31.08	1	3.1047	+0.0090	0.002	— 1 53 26.0	1	13.579	0.339	0.13
4251	— 1 3042	8.8	....	8.8	67.5	67.0	9 31.12	3	3.1047	+0.0090	0.002	— 1 53 25.5	3	13.579	0.339	0.13
4252	» »	»	....	...	67.5	67.0	31.42	..	»	»	»	28.2	..	»	»	»
4253	+ 10 2816	7.1	....	7.1	80.39	80.0	9 33.49	2	2.8883	+0.0051	0.003	+10 35 29.3	2	13.577	0.316	0.11
4254	+ 43 2478	8.8	....	9	74.39	75.0	9 57.98	2	2.1512	+0.0012	0.003	+43 3 42.9	2	13.551	0.237	0.05
4255	+ 5 2989	8.9	9	9	?	58.0	10 0.38	..	2.9796	+0.0066	0.002	+ 5 22 3.2	..	13.548	0.326	0.12
4256	— 9 4108	9.0	....	9.10	73.46	73.0	10 1.37	2	3.2468	+0.0123	0.001	—10 2 34.3	2	13.547	0.355	0.14
4257	— 11 3915	9.0	9	9.1	80.37	80.0	10 4.01	5	3.2653	+0.0127	0.000	—11 4 49.6	5	13.544	0.357	0.14
4258	— 7 3992	7.5	....	8	73.46	73.0	10 12.15	2	3.2076	+0.0113	+0.001	— 7 48 53.3	2	13.535	0.351	0.14
4259	— 22 3928	9.0	....	8½	70.40	70.0	10 44.60	2	3.4921	+0.0191	—0.001	—23 0 41.2	2	13.500	0.382	0.17
4260	— 7 4112	7.7	....	7	73.47	73.0	10 45.72	2	3.2473	+0.0123	0.000	—10 2 20.3	2	13.499	0.356	0.14
4261	— 10 4074	8.7	8-9	9	67.48	65.0	11 14.53	2	3.2571	+0.0121	0.000	—10 34 23.4	2	13.468	0.358	0.14
4262	— 22 3932	8.9	....	9	81.4	81.0	11 44.13	1	3.4908	+0.0189	—0.001	—22 52 2.1	1	13.436	0.384	0.17
4263	— 2 3972	8.0	....	8.5	74.36	74.0	12 8.83	2	3.1129	+0.0092	+0.001	— 2 20 26.3	2	13.409	0.343	0.12
4264	— 10 4080	8.7	....	9.10	75.28	75.0	12 31.61	1	3.2608	+0.0125	0.000	—10 43 29.9	1	13.384	0.360	0.14
4265	» »	»	....	...	73.46	73.0	31.68	3	»	»	»	28.0	3	»	»	»
4266	— 11 3922	9.5	9.4	9.5	67.41	65.0	12 36.87	2	3.2806	+0.0125	0.000	—11 48 57.6	2	13.379	0.362	0.15
4267	— 10 4083	8.9	....	10	74.39	74.0	13 2.86	3	3.2612	+0.0125	0.000	—10 43 22.3	3	13.350	0.361	0.14
4268	— 10 4084	8.6	....	9	73.47	73.0	13 23.15	2	3.2609	+0.0125	0.000	—10 41 50.0	2	13.328	0.361	0.14
4269	— 11 3927	9.2	....	9-10	74.40	74.0	13 32.77	1	3.2721	+0.0127	0.000	—11 18 31.7	1	13.318	0.362	0.14
4270	— 17 4312	6.0	....	6.6	75.39	70.0	13 48.55	2	3.3916	+0.0158	—0.001	—17 42 11.8	2	13.301	0.376	0.16
4271	+ 45 2277	7.4	....	7.3	65.46	65.0	14 23.25	2	+ 2.0528	+0.0020	+0.003	+45 28 19.6	2	13.263	+0.230	0.05
4272	+ 76 557	8.0	....	8	81.8	81.0	14 37.34	4	— 0.9335	+0.1367	—0.125	+75 55 59.6	4	13.247	—0.097	0.26
4273	— 11 3931	8.3	....	9.10	75.29	75.0	14 40.02	1	+ 3.2790	+0.0129	0.000	—11 38 12.0	1	13.245	+0.365	0.14
4274	— 10 4087	8.1	....	8.5	73.46	73.0	14 46.93	3	3.2681	+0.0126	0.000	—11 2 9.9	3	13.237	0.364	0.14
4275	» »	»	....	7-8	75.29	75.0	47.00	1	»	»	»	10.6	1	»	»	»
4276	— 11 3932	8.2	....	8	74.42	74.0	14 48.61	1	3.2696	+0.0126	0.000	—11 6 52.9	1	13.235	0.364	0.14
4277	+ 28 2420	8.1	....	8	81.3	80.0	15 0.82	2	2.5332	+0.0017	+0.003	+28 12 8.4	2	13.222	0.283	0.08
4278	+ 45 2278	7.4	....	9.0	65.46	65.0	15 32.72	1	2.0512	+0.0021	0.002	+45 23 19.8	1	13.187	0.231	0.05
4279	— 10 4090	8.0	....	8.9	73.46	73.0	15 57.93	2	3.2639	+0.0124	0.000	—10 45 20.0	2	13.159	0.365	0.14
4280	— 11 3935	9.8	....	9.8	74.43	74.0	16 11.95	1	3.2804	+0.0128	0.000	—11 38 54.7	1	13.144	0.367	0.14



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4241	69 376	Warschau	Trettenero 685	47 <sup>s</sup> 41	14" 2	Scheinb. Aeq. 1867, Mai 4: Red. — 2 <sup>s</sup> .131 + 2".61.
4242	69 205, 72 114	Berlin, Romberg	Weisse, 125, B. Z. 84	47.92	16.0	
4243	70 93	Kopenhagen	.....	.....	.....	
4244	71 176	Leipzig, Engelmann	.....	.....	.....	
4245	69 239	Rom	.....	.....	.....	
4246	86 317	Leiden, Valentiner	B. B. VI p. 375	56.52	29.3	
4247	69 205, 72 114	Berlin, Romberg	Weisse, 134, B. Z. 167	26.15	22.3	
4248	86 317	Leiden, Valentiner	M <sub>1</sub> 11131	26.00	20.5	
4249	72 114	Berlin, Romberg	Albany A. G. C. 5174	27.13	10.1	
4250	72 114, 75 279	Berlin, Romberg	M <sub>1</sub> 11134	31.01	23.9	
4251	74 247	Königsberg, Lorek	Göttingen Cat. I 4338-9	30.90	28.6	Verbunden mit Weisse.
4252	69 316	Dublin	Göttingen Cat. II 3689	31.04	25.9	
4253	98 139	Pola, J. Palisa	Armagh Cat. II 1773	33.54	30.5	
4254	86 111	Hamburg, Pechüle	Weisse, 198, B. Z. 472	58.06	41.5	
4255	70 199	Berlin, Bruhns	M <sub>1</sub> 11149	0.42	1.4	
4256	86 313	Leiden, Valentiner	M <sub>1</sub> 11150	0.91	34.7	
4257	98 245, 101 201	Berlin, Küstner	Carleton Cat. 531	4.15	48.6	
4258	86 313	Leiden, E. Bakh. u. [Valentiner]	Schjellerup 5421	12.01	54.6	
4259	76 318	Leiden, Becker	Cordoba G. C. 20730	44.82	41.1	
4260	86 313	Leiden, Valentiner	Santini, — 10°331	46.23	20.4	
4261	72 114	Berlin, Romberg	M <sub>1</sub> 11172	14.49	20.8	Lalande 27895, 30 <sup>s</sup> .35, 18".8; 9 <sup>m</sup> . Siehe Noten.
4262	102 288	Berlin	Argel.-Weiss 11803	44.85	58.2	
4263	86 317	Leiden, Valentiner	Schjellerup 5429	8.70	27.3	
4264	89 23	Leiden, E. Bakhuyzen	M <sub>1</sub> 11201	31.38	29.0	
4265	86 313	Leiden, E. Bakh. u. [Valentiner]	A.N. 69 319 Mikr. Anschluss	31.66	30.0	
4266	72 114	Berlin, Romberg	B. D. 3922	37.5	49' 2	
4267	86 317	Leiden, Valentiner	M <sub>1</sub> 11210	2.95	20" 0	
4268	86 313	Leiden, Valentiner	M <sub>1</sub> 11215	23.17	48.4	
4269	86 317	Leiden, Valentiner	A.N. 70 141, Mikr. Anschluss	33.14	33.1	
4270	86 213	Berlin, Becker	Cordoba G. C. 20792	48.61	10.2	
4271	69 73	Berlin, Romberg	Yarnall 6414	23.44	18.8	Bonn A. G. C. 9892, 23 <sup>s</sup> .31, 20".1; 7 <sup>m</sup> .8 { A. N. um — 2 <sup>s</sup> corrigirt. Siehe Noten. { Santini, 1732, 40 <sup>s</sup> .15, 12".9; 8-9 <sup>m</sup>
4272	111 92	Königsberg, Rahts	Kasan A. G. Z. Vol. I p. 320 [u. 322]	37.45	59.3	
4273	89 23	Leiden, Haga	M <sub>1</sub> 11239	39.97	6.2	
4274	86 314	Leiden, Valentiner	Schjellerup 5445	46.76	8.5	
4275	89 23	Leiden, E. Bakhuyzen	Santini, — 10°332	47.03	2.6	
4276	86 317	Leiden, Valentiner	Santini, 1734	48.79	49.9	
4277	105 353	Dorpat, Lindstedt	Weisse, 308, B. Z. 366 Pulkowa Obs. Vol. VIII	0.67	7.4	
4278	69 73	Berlin, Romberg	[p. 342 Nr. 925]	32.68	17.5	
4279	86 314	Leiden, Valentiner u. [E. Bakh.]	M <sub>1</sub> 11264	57.86	21.2	
4280	86 317	Leiden, Valentiner	B. D. 3935	12.2	36' 6	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
4281	— 10° 4092	8.5	....	8	73.48	73.0	15 <sup>h</sup> 16 <sup>m</sup> 16 <sup>s</sup> 51	2	+ 3.2687	+0.0126	0.000	—11° 0' 21" 4	2	13" 139	+0.366	+ 0' 14
4282	+ 7 2946	9.0	....	10	80.39	80.0	16 27.85	2	2.9340	+0.0059	+0.002	+ 7 47 23.3	2	13.126	0.329	0.11
4283	— 11 3940	6.0	....	6.2	67.41	65.0	17 0.82	3	3.2861	+0.0124	0.000	—11 55 20.1	3	13.090	0.369	0.14
4284	— 3 3776	9.0	....	9	73.42	70.0	17 21.50	2	3.1294	+0.0094	+0.001	— 3 13 30.8	2	13.067	0.352	0.13
4285	— 12 4250	8.5	....	8.9	73.46	73.0	17 37.22	2	3.2966	+0.0132	0.000	—12 27 36.8	2	13.050	0.370	0.14
4286	— 17 4328	9.4	9	9.4	74.33	70.0	18 31.56	2	+ 3.3964	+0.0157	—0.002	—17 39 18.0	2	12.989	+0.383	0.16
4287	+ 75 540	8.3	....	8.0	81.8	81.0	18 33.44	5	— 0.9280	+0.1318	0.149	+75 42 44.5	5	12.987	—0.098	0.26
4288	— 12 4253	8.3	....	8.9	74.40	74.0	18 47.42	3	+ 3.2969	+0.0131	0.000	—12 25 38.5	3	12.971	+0.372	0.15
4289	» »	»	....	8-9	68.41	67.0	47.51	2	»	»	»	38.6	2	»	»	»
4290	— 11 3944	8.2	....	8	67.48	65.0	19 15.68	2	3.2755	+0.0121	0.000	—11 15 26.6	2	12.940	0.370	0.14
4291	— 17 4320	8.7	8.5	8-9	80.24	75.0	19 16.34	4	3.3955	+0.0156	0.002	—17 33 34.2	4	12.939	0.384	0.16
4292	» »	»	8.9	...	80.44	75.0	16.36	3	»	»	»	34.2	3	»	»	»
4293	— 17 4331	9.7	10.5	9.7	80.50	75.0	19 16.47	2	3.3986	+0.0156	0.002	—17 43 14.2	2	12.939	0.384	0.16
4294	» »	»	10	...	81.25	75.0	16.72	3	»	»	»	16.8	3	»	»	»
4295	— 17 4335	9.1	9	9	80.52	75.0	19 41.30	4	3.3960	+0.0155	0.002	—17 33 32.8	4	12.911	0.384	0.16
4296	» »	»	9	...	80.44	75.0	41.38	3	»	»	»	32.0	3	»	»	»
4297	— 11 3948	9.0	....	9	73.46	73.0	20 5.01	2	3.2814	+0.0127	0.000	—11 32 10.8	2	12.885	0.372	0.14
4298	— 17 4337	9.4	10	9.4	80.59	75.0	20 6.95	3	3.3984	+0.0156	—0.002	—17 39 25.7	3	12.883	0.385	0.16
4299	» »	»	10	»	80.58	75.0	7.00	3	»	»	»	26.3	4	»	»	»
4300	— 5 4079	8.0	8	8½	80.48	80.0	20 31.58	3	3.1689	+0.0102	+0.001	— 5 22 42.7	3	12.855	0.360	0.13
4301	.....	...	10	11	80.51	75.0	20 36.34	1	3.3997	+0.0156	—0.002	—17 41 33.4	1	12.850	0.386	0.16
4302	.....	...	10.5	...	81.25	75.0	36.56	3	»	»	»	33.3	3	»	»	»
4303	— 14 4208	7.3	....	7.8	66.40	65.0	20 43.69	1	3.3381	+0.0140	—0.001	—14 30 59.7	1	12.842	0.379	0.15
4304	+ 51 2000	8.2	....	8.5	67.46	65.0	21 8.42	2	1.7723	+0.0053	+0.001	+51 39 2.6	2	12.814	0.202	0.04
4305	+ 6 3048	8.0	....	8.3	80.39	80.0	21 32.43	2	2.9542	+0.0063	0.002	+ 6 32 19.8	2	12.787	0.337	0.11
4306	+ 43 2497	9.2	....	9.2	74.39	75.0	21 33.07	2	2.1083	+0.0020	0.002	+43 6 9.3	2	12.786	0.242	0.05
4307	» »	»	9.2	»	74.40	70.0	33.08	2	»	»	»	10.0	2	»	»	»
4308	+ 6 3051	8.7	9	9.10	80.42	80.0	22 13.24	2	2.9639	+0.0065	0.002	+ 5 59 24.1	2	12.741	0.339	0.11
4309	+ 43 2498	9.5	9.5	9.5	74.41	70.0	22 29.67	2	2.1032	+0.0021	0.002	+43 9 25.2	2	12.723	0.242	0.05
4310	+ 7 2969	9.3	9.2	9.3	80.36	80.0	22 38.21	3	2.9314	+0.0060	0.002	+ 7 45 23.2	3	12.713	0.336	0.10
4311	+ 27 2494	7.3	....	7.3	81.3	80.0	23 27.17	2	2.5308	+0.0021	+0.003	+27 34 10.8	2	12.658	0.292	0.08
4312	— 13 4179	9.0	....	9-10	73.46	73.0	23 27.30	2	3.3225	+0.0134	—0.001	—13 33 59.3	2	12.657	0.381	0.15
4313	— 7 4037	8.5	9	8.5	80.46	80.0	23 32.96	2	3.2111	+0.0109	0.000	— 7 37 20.3	2	12.651	0.369	0.13
4314	— 13 4180	9.0	....	...	73.46	73.0	23 36.56	2	3.3166	+0.0133	—0.001	—13 15 9.5	2	12.647	0.381	0.15
4315	— 6 4222	9.0	9	10	80.50	80.0	23 53.24	2	3.2007	+0.0107	0.000	— 7 3 3.5	2	12.628	0.368	0.13
4316	+ 27 2495	8.3	....	9	81.3	80.0	24 5.83	2	2.5305	+0.0021	+0.003	+27 31 48.8	2	12.614	0.292	0.08
4317	+ 5 3025	8.5	....	8.9	80.39	80.0	24 15.64	2	2.9686	+0.0066	+0.002	+ 5 41 33.3	2	12.603	0.342	0.11
4318	— 13 4182	8.6	....	8-9	74.39	74.0	24 20.13	2	3.3270	+0.0135	—0.001	—13 45 34.7	2	12.598	0.383	0.15
4319	» »	»	....	8-9	75.28	75.0	20.33	1	»	»	»	34.1	1	»	»	»
4320	— 19 4128	6.7	....	6½	65.46	65.0	24 32.14	2	3.4457	+0.0164	—0.002	—19 44 7.3	2	12.584	0.397	0.16

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4281	86 314	Leiden, Valentiner	Santini, — 10°333	16s 58	21"3	
4282	98 139	Pola, J. Palisa	M <sub>1</sub> 11277	27.96	25.8	
4283	72 114	Berlin, Romberg	Cordoba G. C. 20855	0.79	18.9	
4284	84 244	Berlin, Tietjen	Weisse, 288, B. Z. 84	21.47	32.4	
4285	86 314	Leiden, Valentiner	M <sub>1</sub> 11298	37.33	40.0	
4286	84 235	Berlin, Knorre	B. D. 4328	32.2	39' 4	
4287	111 92	Königsberg, Rahts	Kasan A. G. Z. Vol. II p. 20	33.72	43"7	
4288	86 317	Leiden, Valentiner	M <sub>1</sub> 11326 [u. 24]	47.65	37.1	
4289	78 291, 88 58	Leiden, Kam	Santini, 1739	47.54	39.3	
4290	72 114	Berlin, Romberg	Santini, 1740	15.66	25.4	
4291	110 293	Leiden, Wilterdink	Argel.-Weiss 11889	16.11	32.3	
4292	110 293	Cap	.....	.....	.....	
4293	110 293	Cap	B. D. 4331	17.7	43' 5	
4294	110 293	Leiden, Wilterdink	.....	.....	.....	
4295	110 293	Leiden, E. Bakhuyzen [Stieltjes u. Wilterd.	Argel.-Weiss 11896	41.23	32"4	
4296	110 293	Cap	.....	.....	.....	
4297	86 314	Leiden, Valentiner	Schjellerup 5471	4.88	11.9	
4298	110 293	Cap	B. D. 4337	7.7	39' 7	
4299	110 293	Leiden, E. Bakhuyzen	.....	.....	.....	Epoche der Declin. 80.51.
4300	98 139	Pola, J. Palisa	Cordoba G. C. 20942	31.57	43"9	
4301	110 293	Cap	Pariser Karte Nr. 46	30	42' 3	
4302	110 293	Leiden, E. Bakh. u. [Wilterdink	.....	.....	.....	
4303	69 73	Berlin, Romberg	M <sub>1</sub> 11370	43.38	58"8	
4304	72 114	Berlin, Romberg	B. B. VI 2000	8.17	3.3	Cambr. (Mass.) A. G. C. 4750, 8s.35, 2"4; 8m.4.
4305	98 139	Pola, J. Palisa	Pulkowa Cat. 1875.0, 3421	32.39	20.8	Σ 1944 med. Pulkowa.
4306	86 111	Hamburg, Pechüle	B. D. 2497	33.9	6' 7	
4307	86 213	Berlin, Becker	.....	.....	.....	
4308	98 139	Pola, J. Palisa	M <sub>1</sub> 11406	13.39	22"8	
4309	86 213	Berlin, Becker	B. D. 2498	29.7	9' 0	
4310	98 245 u. 253	Berlin, Küstner	B. D. 2969	38.6	45.7	A. N. Dritte Beob. A. R. unsicher.
4311	105 353	Dorpat, Lindstedt	Armagh Cat. II 1806	27.12	10"4	
4312	86 314	Leiden, Valentiner	A. N. 70 142, Mikr. Anschluss	27.57	1.9	
4313	98 139	Pola, J. Palisa	Schjellerup 5492	32.86	21.2	
4314	86 314	Leiden, E. Bakhuyzen [u. Valentiner	A. N. 69 319, Mikr. Anschluss	37.33	9 2	
4315	98 139	Pola, J. Palisa	M <sub>1</sub> 11434	53.39	2.4	
4316	105 353	Dorpat, Lindstedt	Weisse, 517, B. Z. 366	6.21	48.2	
4317	98 139	Pola, J. Palisa	M <sub>1</sub> 11442	15.70	33.7	
4318	86 317	Leiden, Valentiner	Santini, 1411	20.24	32.5	
4319	89 23	Leiden, E. Bakhuyzen	Weisse, 423, B. Z. 249	20.32	34.7	
4320	69 73	Berlin, Romberg	Cordoba G. C. 21034	32.04	7.6	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHEN DER		MITTLERE A.R. 1875.0	ZAHLE DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHLE DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
4321	— 13°4185	8.8	....	9	74.11	74.0	15 <sup>h</sup> 24 <sup>m</sup> 52 <sup>s</sup> 79	3	+ 3.3279	+0.0135	—0.0001	—13°46' 59"0	3	12" 561	+0" 384	+ 0" 14
4322	— 9 4164	8.0	....	8.2	65.46	65.0	25 31.84	2	3.2406	+0.0155	—0.0001	— 9 9 32.4	2	12.516	0.375	0.13
4323	— 13 4188	9.2	....	9	73.46	73.0	25 41.70	2	3.3337	+0.0136	—0.0001	—14 2 42.5	2	12.505	0.385	0.14
4324	+ 4 3023	8.8	8	8.7	?	58.0	25 46.90	..	2.9901	+0.0069	+0.0002	+ 4 29 35.8	..	12.499	0.346	0.11
4325	— 1 3066	8.5	8.5	8.5	81.46	81.0	25 56.76	2	3.0970	+0.0087	+0.0001	— 1 21 28.0	2	12.488	0.359	0.12
4326	— 7 4047	8.0	9	8.3	80.46	80.0	26 24.13	2	3.2131	+0.0109	0.0000	— 7 39 26.9	2	12.456	0.373	0.13
4327	— 10 4122	8.5	....	8.3	69.4	69.0	26 44.60	2	3.2694	+0.0121	—0.0001	—10 38 30.6	2	12.433	0.379	0.14
4328	— 16 4113	8.3	....	8-9	77.43	76.0	26 53.57	3	3.3939	+0.0149	—0.0002	—17 2 17.9	3	12.423	0.394	0.16
4329	— 13 4193	7.3	....	7	68.4	68.0	27 5.71	2	3.3303	+0.0134	—0.0001	—13 48 23.3	2	12.409	0.387	0.14
4330	» »	»	....	8.0	73.46	73.0	5.87	2	»	»	»	23.5	2	»	»	»
4331	— 14 4232	8.3	....	7-8	74.12	74.0	27 6.73	3	3.3428	+0.0137	—0.0001	—14 26 43.8	3	12.408	0.388	0.14
4332	— 15 4140	8.6	8.9	8.5	80.37	80.0	27 15.37	4	3.3695	+0.0143	—0.0001	—15 47 39.7	3	12.398	0.392	0.15
4333	— 8 4018	8.7	9	7-8	80.49	80.0	29 5.78	2	3.2313	+0.0111	—0.0001	— 8 33 16.2	2	12.271	0.378	0.13
4334	+ 27 2513	8.6	....	9	81.3	80.0	29 25.25	2	2.5252	+0.0023	+0.0003	+27 19 46.3	2	12.248	0.297	0.07
4335	.....	...	....	9	70.35	70.0	29 49.79	2	3.5274	+0.0181	—0.0003	—23 14 10.1	2	12.220	0.413	0.16
4336	— 16 4123	8.3	8.9	8-9	80.35	80.0	30 35.96	3	3.3834	+0.0144	—0.0002	—16 19 2.5	3	12.167	0.397	0.15
4337	— 8 4027	8.3	9	7	80.46	80.0	30 52.85	2	3.2337	+0.0111	—0.0001	— 8 37 50.4	2	12.147	0.380	0.13
4338	— 14 4247	7.5	....	7½	70.31	70.0	31 1.84	1	3.3400	+0.0134	—0.0002	—14 6 59.3	1	12.137	0.393	0.14
4339	.....	...	....	8½	77.41	75.0	31 11.75	3	3.6015	+0.0200	—0.0003	—26 25 39.8	3	12.125	0.423	0.16
4340	— 14 4249	9.0	....	9-10	73.46	73.0	31 23.51	2	3.3536	+0.0137	—0.0002	—14 47 34.8	2	12.112	0.395	0.14
4341	— 9 4185	9.0	....	10	67.48	65.0	31 30.24	2	3.2442	+0.0113	—0.0001	— 9 9 42.4	2	12.104	0.382	0.13
4342	— 14 4250	7.0	....	7½	70.34	70.0	31 31.05	2	3.3401	+0.0134	—0.0002	—14 6 8.2	2	12.103	0.393	0.14
4343	— 22 3996	7.0	7	6.8	65.46	65.0	32 0.66	1	3.5198	+0.0177	—0.0003	—22 44 20.1	1	12.068	0.415	0.16
4344	.....	...	....	8	77.42	75.0	32 1.87	3	3.6218	+0.0205	—0.0004	—27 14 1.8	3	12.067	0.427	0.17
4345	— 13 4198	9.0	....	8	68.4	68.0	32 51.66	3	3.3322	+0.0131	—0.0002	—13 38 50.3	3	12.009	0.394	0.14
4346	+ 3 3066	8.6	8.9	8.0	80.39	80.0	33 46.77	2	3.0166	+0.0072	+0.0001	+ 2 57 48.4	2	11.944	0.359	0.11
4347	.....	...	....	7½	77.31	75.0	33 53.14	3	3.6652	+0.0215	—0.0004	—28 53 40.3	3	11.937	0.435	0.18
4348	— 1 3080	8.8	8.3	8.3	81.45	81.0	34 0.68	1	3.1023	+0.0086	0.0000	— 1 36 0.5	1	11.928	0.369	0.11
4349	+ 4 3046	8.4	8.9	8.5	?	58.0	34 21.27	..	2.9861	+0.0068	+0.0001	+ 4 34 35.2	..	11.904	0.355	0.10
4350	— 15 4164	9.0	9	9.0	80.36	80.0	35 10.76	2	3.3812	+0.0140	—0.0003	—15 58 46.8	2	11.846	0.403	0.14
4351	» »	9.0	9	...	86.40	86.0	10.76	1	»	»	»	44.0	1	»	»	»
4352	— 9 4211	9.0	....	9	67.47	65.0	36 21.55	2	3.2523	+0.0113	—0.0002	— 9 26 22.7	2	11.762	+0.389	0.13
4353	— 2 4040	8.3	....	9	68.4	68.0	37 50.04	3	3.1220	+0.0088	0.0000	— 2 36 58.6	3	11.657	0.375	0.11
4354	— 14 4274	9.1	....	9.1	70.37	70.0	38 43.80	1	+ 3.3506	+0.0131	—0.0003	—14 18 52.6	1	11.593	+0.404	0.14
4355	+ 75 573	9.3	....	7	81.8	81.0	38 51.73	2	— 1.0343	+0.1184	—0.105	+75 7 2.7	2	11.584	—0.118	0.25
4356	+ 26 2726	9.1	....	9	81.3	80.0	39 3.91	2	+ 2.5239	+0.0027	+0.0002	+26 39 41.0	2	11.570	+0.306	0.07
4357	— 15 4182	8.0	8.9	8-9	80.37	80.0	39 20.42	3	3.3808	+0.0137	—0.0003	—15 46 6.6	3	11.550	0.408	0.14
4358	» »	»	....	8-9	79.4	79.0	20.43	..	»	»	»	2.8	..	»	»	»
4359	— 9 4227	8.9	8	9	67.99	65.0	39 31.09	2	3.2566	+0.0112	—0.0002	— 9 34 7.5	2	11.537	0.394	0.12
4360	— 20 4322	7.6	8	8	80.53	75.0	40 5.74	2	3.4726	+0.0157	—0.0004	—20 4 31.6	2	11.496	0.420	0.15

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4321	86 317	Leiden, Valentiner	Santini, 1413	52 <sup>8</sup> 81	59'' 2	Siehe Noten.
4322	69 73	Berlin, Romberg	Yarnall 6492	31.70	33.7	
4323	86 314	Leiden, Valentiner	Santini, 1414	41.44	46.4	
4324	70 199	Berlin, Bruhns	Albany A. G. C. 5231	46.70	35.5	
4325	102 297, 111 222	Berlin, Leman	Göttingen Cat. I 4386-7	56.73	27.4	
4326	98 139	Pola, J. Palisa	Schjellerup 5508-9	24.10	26.1	
4327	75 171	Warschau	B. B. VI p. 331	44.70	30.8	
4328	94 309	Berlin, Tietjen	Argel-Weiss 11978	53.12	14.1	
4329	78 167	Warschau	M, 11499	6.00	22.3	
4330	86 314	Leiden, E. Bakhuyzen [u. Valentiner]	Yarnall 6508	5.57	25.6	
4331	86 317	Leiden, Valentiner	M, 11500	6.41	46.5	A.N. 94 295, 15 <sup>h</sup> 27 <sup>m</sup> 15 <sup>s</sup> .43 — 15° 47' 38".1. Siehe Noten.
4332	98 245	Berlin, Küstner	M, 5763	15.35	40.5	
4333	98 141	Pola, J. Palisa	M, 11533	5.80	16.6	Siehe Noten.
4334	105 353	Dorpat, Lindstedt	Weisse, 654, B. Z. 366	25.84	44.0	
4335	81 73	Berlin, Tietjen	Cordoba Z. Cat. 2061	49.86	10.4	
4336	98 245 u. 253	Berlin, Küstner	Argel-Weiss 12024	36.02	1.3	
4337	98 241	Pola, J. Palisa	M, 11571	52.81	49.3	Weisse, 557, B. Z. 249 1 <sup>s</sup> .88, 1'' 0; 7 <sup>m</sup> . Siehe Noten.
4338	81 73	Berlin, Tietjen	Cordoba G. C. 21189	1.87	1.4	
4339	92 373	Pola, J. Palisa	Cordoba Z. Cat. 2141	11.81	39.4	
4340	86 314	Leiden, Valentiner	A. N. 70 142, Mikr. Anschl.	23.18	34.2	
4341	72 114	Berlin, Romberg	M, 5786	30.06	44.5	A.N. um — 10' corrigirt. Siehe Noten.
4342	81 73	Berlin, Tietjen	Cordoba G. C. 21200	30.99	7.3	
4343	69 73	Berlin, Romberg	Cordoba G. C. 21211	0.37	22.1	
4344	92 373	Pola, J. Palisa	Cordoba G. C. 21212	1.86	1.9	
4345	74 248	Königsberg, Lorek	Cordoba G. C. 21233	51.65	48.7	
4346	98 141	Pola, J. Palisa	Albany A. G. C. 5255	46.85	48.7	
4347	92 373	Pola, J. Palisa	Cordoba G. C. 21249	53.14	39.5	
4348	102 297, 111 222	Berlin, Leman	Göttingen Cat. I 4408-9	0.70	59.5	
4349	70 199	Berlin, Bruhns	Albany A. G. C. 5261	21.25	35.1	
4350	98 245	Berlin, Küstner	B. D. 4164	10.9	59' 0	
4351	Publication XVIII d. A. G.	Pulkowa, Romberg	.....	.....	.....	Controle Stern.
4352	72 114	Berlin, Romberg	Weisse, 673, B. Z. 171	21.83	23'' 1	Siehe Noten.
4353	74 248	Königsberg, Lorek	Trettenero 736	49.73	57.0	
4354	81 73	Berlin, Tietjen	B. D. 4274	44.6	18' 9	
4355	111 92	Königsberg, Rahts	Kasan A. G. Z. Vol. II, p. 18 [u. 19]	51.60	3'' 9	
4356	105 353	Dorpat, Lindstedt	Weisse, 949, B. Z. 366	3.85	32.9	
4357	98 245 u. 253	Berlin, Küstner	Argel-Weiss 12140	20.43	2.9	
4358	96 315	Kremsmünster	Radcliffe Cat. 1890.0 4068	20.30	6.5	
4359	72 114	Berlin, Romberg	Weisse, 732, B. Z. 171	31.26	9.8	
4360	110 293	Cap	Cincinnati Zones 2653	5.78	34.0	
						E. B. — 0 <sup>s</sup> .0075 — 0''.111 nach Cincinn. Zones pag. 99.

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
4361	— 20°4322	7.6	8	7.0	80.21	75.0	15h 40m 58.78	4	+ 3.4726	+0.0157	—0.004	—20° 4' 32"6	4	11" 496	+0' 420	+ 0" 15
4362	— 20 4332	7.5	7	7	80.52	75.0	42 23.79	2	3.4824	+0.0157	—0.004	—20 23 36.1	2	11.330	0.424	0.15
4363	» » »	»	7	7.6	80.78	75.0	23.81	4	»	»	»	36.1	4	»	»	»
4364	+ 26 2735	8.7	....	9	81.3	80.0	43 12.20	2	2.5238	+0.0028	+0.002	+26 22 52.7	2	11.272	0.309	0.07
4365	— 20 4335	8.1	7.5	7-8	81.31	75.0	43 13.89	2	3.4850	+0.0157	—0.004	—20 27 55.8	2	11.270	0.425	0.15
4366	.....	»	7.5	8	80.53	75.0	13.91	2	»	»	»	54.8	2	»	»	»
4367	— 17 4437	8.8	....	9	66.53	66.0	43 27.34	2	3.4298	+0.0144	—0.004	—17 54 29.6	2	11.253	0.419	0.15
4368	.. .....	...	9	8-9	80.53	75.0	43 30.85	3	3.5808	+0.0180	—0.005	—24 40 37.5	3	11.249	0.437	0.16
4369	.. .....	...	9	8½	81.23	75.0	30.91	2	»	»	»	37.2	2	»	»	»
4370	.....	...	9.3	9	80.57	75.0	44 38.68	2	3.5806	+0.0178	—0.005	—24 35 47.2	2	11.167	0.438	0.16
4371	.....	...	9	...	81.26	75.0	38.74	2	»	»	»	46.7	2	»	»	»
4372	.....	...	8.3	9	80.53	75.0	44 49.44	2	3.5811	+0.0178	—0.005	—24 36 26.7	2	11.154	0.439	0.16
4373	.....	...	9.3	8½	81.25	75.0	49.45	2	»	»	»	28.5	2	»	»	»
4374	.....	...	9.3	8	80.53	75.0	45 6.20	4	3.5822	+0.0177	—0.005	—24 38 17.7	4	11.134	0.439	0.16
4375	.....	...	8	8½	81.24	75.0	6.26	2	»	»	»	17.5	2	»	»	»
4376	— 17 4442	7.2	....	7	66.52	66.0	45 6.48	2	3.4348	+0.0144	—0.004	—18 3 35.6	2	11.134	0.421	0.14
4377	+ 44 2511	7.5	....	7	66.53	66.0	45 44.71	1	1.9620	+0.0038	+0.001	+44 54 8.2	1	11.087	0.243	0.02
4378	— 18 4187	9.0	....	9.0	73.42	70.0	45 56.29	2	3.4510	+0.0147	—0.004	—18 45 55.5	2	11.073	0.424	0.14
4379	.....	...	...	5.8	77.44	76.0	46 29.66	2	3.5610	+0.0171	—0.005	—23 36 14.0	2	11.033	0.438	0.14
4380	.....	...	9.3	9½	80.26	75.0	46 30.61	4	3.5897	+0.0178	—0.005	—24 51 58.5	4	11.031	0.442	0.14
4381	.....	...	8.3	...	80.53	75.0	30.75	3	»	»	»	58.3	3	»	»	»
4382	+ 30 2718	7.3	....	7.3	65.95	65.0	46 59.74	2	2.4200	+0.0026	+0.002	+30 15 26.0	2	10.996	0.300	0.06
4383	— 21 4229	9.0	....	9.5	73.47	70.0	49 17.26	3	3.5141	+0.0158	—0.005	—21 26 8.1	3	10.828	0.436	0.14
4384	— 22 4057	8.0	....	8	77.44	76.0	49 23.63	1	3.5458	+0.0165	—0.005	—22 49 3.0	1	10.820	0.440	0.14
4385	— 15 4217	8.2	....	8	79.4	79.0	49 39.37	..	3.3839	+0.0130	—0.003	—15 27 50.3	..	10.801	0.420	0.15
4386	— 23 304	7.2	....	7½	77.44	76.0	50 23.40	2	3.5551	+0.0166	—0.006	—23 9 48.1	2	10.747	0.442	0.15
4387	+ 25 2994	8.3	....	8-9	81.3	80.0	51 8.80	2	2.5318	+0.0031	+0.001	+25 32 22.1	2	10.690	0.317	0.06
4388	— 13 4302	5.0	....	5.4	67.4	67.0	51 11.46	3	3.3526	+0.0124	—0.003	—13 55 2.2	3	10.687	0.418	0.15
4389	+ 42 2652	6.0	....	6.2	74.48	74.0	51 18.24	2	2.0195	+0.0035	+0.001	+42 55 51.5	2	10.679	0.254	0.02
4390	+ 3 3107	9.3	....	...	77.4	77.0	52 0.56	..	3.0092	+0.0069	0.000	+ 3 11 3.5	..	10.627	0.377	0.02
4391	— 15 4228	8.0	8	9	75.43	80.0	52 8.20	2	3.3945	+0.0130	—0.003	—15 51 44.2	2	10.617	0.424	0.15
4392	— 22 4068	2.0	....	2.3	74.49	70.0	52 56.62	1	3.5376	+0.0159	—0.005	—22 15 50.1	1	10.557	0.443	0.14
4393	.....	...	9.0	9.2	86.34	86.0	53 24.81	2	2.5304	+0.0031	+0.001	+25 27 22.4	2	10.522	0.319	0.06
4394	— 21 4253	9.2	....	9.2	73.46	70.0	54 13.60	3	3.5185	+0.0154	—0.005	—21 22 3.2	3	10.461	0.442	0.14
4395	— 16 4200	9.4	10	9.4	75.44	80.0	54 13.92	2	3.4008	+0.0130	—0.003	—16 4 14.4	2	10.461	0.428	0.15
4396	+ 25 3009	8.0	....	8	81.3	80.0	54 13.98	1	2.5211	+0.0031	+0.001	+25 47 25.4	1	10.461	0.318	0.06
4397	+ 26 2765	9.5	....	...	66.39	66.0	54 16.47	2	2.5090	+0.0030	+0.001	+26 16 33.1	2	10.459	0.317	0.06
4398	» » »	»	Var.	...	66.42	65.0	16.53	3	»	»	»	32.8	3	»	»	»
4399	— 22 4069	9.0	9	...	74.46	70.0	54 26.46	2	3.5439	+0.0159	—0.005	—22 27 13.9	2	10.445	0.446	0.14
4400	+ 19 3048	9.0	9	...	79.38	75.0	55 19.16	2	2.6635	+0.0038	+0.001	+19 39 43.9	2	10.380	0.337	0.07

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
4361	110 293	Leiden, E. Bakhuyzen, [und Wilterdink]	B. B. VI p. 356 Nr. 62	68.06	29° 1'	Siehe Noten.
4362	110 293	Cap	Argel.-Weiss 12179	23.29	32.6	
4363	110 293	Leiden, E. Bakhuyzen [und Wilterdink]	B. B. VI p. 356 Nr. 69	23.83	34.9	
4364	105 353	Dorpat, Lindstedt	Weisse, 1060 B. Z. 365	12.69	49.3	
4365	110 293	Leiden, E. Bakhuyzen [und Stieltjes]	Argel.-Weiss 12190	13.95	51.9	
4366	110 293	Cap	Cincinnati Zones 2064	13.79	54.6	
4367	69 62	Madras	Argel.-Weiss 12195	27.13	25.1	
4368	110 293	Cap	Argel.-Weiss 12196	30.94	34.7	
4369	110 293	Leiden, E. Bakhuyzen [und Stieltjes]	Cordoba Z. C. 3016	30.92	35.7	
4370	110 293	Cap	Cordoba Z. C. 3143	39.11	45.1	
4371	110 293	Leiden, Wilterdink [und Stieltjes]	.....	.....	.....	Bonn A. G. C. 10179, 44 <sup>s</sup> .72, 6 <sup>m</sup> .3; 7 <sup>m</sup> .4
4372	110 293	Cap	Argel.-Weiss 12210	49.54	25.7	
4373	110 293	Leiden, Wilterdink	Cordoba Z. C. 3154	49.56	27.4	
4374	110 293	Cap	Argel.-Weiss 12216	6.45	14.8	
4375	110 293	Leiden, E. Bakhuyzen [und Wilterdink]	Cordoba Z. C. 3173	6.32	17.3	
4376	69 62	Madras	Argel.-Weiss 12217	6.10	33.5	
4377	69 381	Leiden, v. Hennekeler	Argel.-Oeltzen 15682	44.55	5.9	
4378	84 244	Berlin, Tietjen	Argel.-Weiss 12222	56.37	52.7	
4379	94 309	Berlin, Tietjen	Cordoba G. C. 21530	29.65	15.4	
4380	110 293	Leiden, E. Bakhuyzen [und Wilterdink]	Cordoba Z. C. 3260	30.65	58.9	
4381	110 293	Cap	.....	.....	.....	Siehe Noten.
4382	69 73	Berlin, Romberg	Leiden A. G. Z. 53, 181	59.69	25.5	
4383	84 244	Berlin, Tietjen	82 133, Mikrom. Anschluss	17.23	4.6	
4384	94 309	Berlin, Tietjen	Argel.-Weiss 12275	23.38	0.6	
4385	96 314	Kremsmünster	Argel.-Weiss 12281	39.48	52.6	
4386	94 309	Berlin, Tietjen	Cordoba G. C. 21622	23.22	48.6	
4387	105 353	Dorpat, Lindstedt	Weisse, 1257, B. Z. 365	8.96	15.2	
4388	74 247	Königsberg, Lorek	Cordoba G. C. 21634	11.50	1.8	
4389	86 317, 89 37	Leiden, Valentiner	Pulkowa Cat. 1875.0 3526	18.20	50.9	
4390	90 365	Strassburg, Schur	Rümker 5244	0.63	4.5	
4391	88 23	Berlin, Becker	Argel.-Weiss 12307	8.29	40.6	♂ Scorpii E. B. — 0 <sup>s</sup> .0018 — 0 <sup>m</sup> .028 nach F. C. Controle Stern. Siehe Noten.
4392	86 213	Berlin, Becker	Auwers Fund Cat. d. A. G. 594	56.68	51.3	
4393	Publication XVIII d. A. G.	Pulkowa, Romberg	A. N. 105 353, Mikrom. [Anschluss]	25.16	21.9	
4394	84 244	Berlin	B. D. 4253	13.4	21' 7"	
4395	88 23	Berlin, Becker	B. D. 4200	14.4	4.8	
4396	105 353	Dorpat, Lindstedt	Weisse, 1344 B. Z. 365	13.80	20 <sup>m</sup> .8	
4397	67 111	Göttingen, Behrman	Greenw. 9 Year Cat. 1434	16.47	32.7	
4398	69 73	Berlin, Romberg	Armagh Cat. II 1872	16.36	31.4	
4399	86 213	Berlin, Becker	A. N. 89 357, Mikr. Anschluss	26.83	12.6	
4400	95 295	Pola, J. Palisa	Rümker 5263	19.45	38.2	
						T Coronae A. N. 67 203, Mikr. Anshl. 16 <sup>s</sup> .44. 31 <sup>m</sup> .4 Var. » » A. N. um + 1 <sup>m</sup> corrigirt.

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
4401	— 17° 4471	8.7	....	8-9	66.48	66.0	15 <sup>h</sup> 55 <sup>m</sup> 24 <sup>s</sup> 63	1	+ 3 <sup>s</sup> 4333	+ 0 <sup>s</sup> 0135	— 0 <sup>s</sup> 005	— 17° 30' 42" 3	1	10" 373	+ 0" 433	+ 0" 13
4402	+ 25 3012	9.1	....	9.1	81.3	80.0	55 25.95	1	2.5204	+ 0.0031	+ 0.001	+ 25 44 41.5	1	10.371	0.319	0.06
4403	— 17 4472	8.2	9	8.7	80.0	80.0	55 27.53	2	3.4401	+ 0.0137	— 0.005	— 17 49 15.1	2	10.369	0.434	0.13
4404	» »	»	9.0	...	66.49	66.0	27.60	1	»	»	»	12.2	1	»	»	»
4405	— 5 4221	7.0	....	8	80.5	80.0	56 24.86	..	3.1824	+ 0.0092	— 0.002	— 5 29 6.8	..	10.297	0.406	0.10
4406	+ 25 3015	9.5	....	9.5	81.3	80.0	56 36.07	2	2.5291	+ 0.0032	+ 0.001	+ 25 19 26.8	2	10.284	0.321	0.06
4407	— 18 4223	8.5	....	9	73.46	73.0	56 47.03	2	3.4622	+ 0.0140	— 0.005	— 18 45 17.8	2	10.270	0.438	0.13
4408	— 20 4390	8.8	....	9.3	66.44	65.0	57 15.48	1	3.5132	+ 0.0163	— 0.006	— 21 0 22.7	1	10.234	0.453	0.13
4409	— 15 4242	9.4	10	9.4	79.39	75.0	58 13.88	1	3.3903	+ 0.0125	— 0.004	— 15 25 33.8	1	10.161	0.431	0.12
4410	» »	»	....	...	79.4	79.0	13.88	..	»	»	»	36.8	..	»	»	»
4411	— 18 4234	8.7	....	8-9	73.46	73.0	58 58.49	2	3.4707	+ 0.0139	— 0.006	— 19 2 7.3	2	10.105	0.441	0.13
4412	— 22 4084	9.0	9	9.0	74.46	70.0	59 14.39	2	3.5522	+ 0.0155	— 0.006	— 22 33 23.0	2	10.085	0.452	0.13
4413	— 5 4235	6.7	....	6.9	80.5	80.0	59 20.79	..	3.1896	+ 0.0091	— 0.002	— 5 47 57.0	..	10.077	0.406	0.12
4414	— 5 4236	8.7	....	...	68.32	68.0	59 24.25	2	3.1758	+ 0.0089	— 0.002	— 5 7 12.2	2	10.072	0.405	0.10
4415	+ 8 3034	6.8	7.5	6.8	71.18	70.0	59 34.91	8	2.9007	+ 0.0056	0.000	+ 8 26 14.9	8	10.059	0.370	0.06
4416	— 17 4491	7.5	....	7.8	85.4	85.0	16 0 4.01	..	3.4395	+ 0.0132	— 0.005	— 17 35 49.6	..	10.022	0.439	0.13
4417	» »	»	8.4	7.5	66.43	66.0	4.03	3	»	»	»	49.1	3	»	»	»
4418	+ 19 3053	8.8	9	9	79.38	75.0	0 42.25	2	2.6612	+ 0.0038	+ 0.001	+ 19 30 46.6	2	9.974	0.341	0.07
4419	— 17 4494	7.0	....	6-7	66.43	65.0	0 55.15	2	3.4471	+ 0.0133	— 0.005	— 17 54 7.0	2	9.957	0.440	0.13
4420	— 12 4427	8.5	9	8.5	65.47	65.0	1 7.06	1	3.3332	+ 0.0113	— 0.004	— 12 39 58.1	1	9.942	0.426	0.12
4421	— 20 4414	8.5	9	8	80.50	80.0	1 16.06	1	3.5057	+ 0.0144	— 0.006	— 20 27 49.3	1	9.931	0.448	0.13
4422	— 22 4101	8.5	9	9	74.46	70.0	1 58.92	2	3.5570	+ 0.0153	— 0.008	— 22 37 3.5	2	9.877	0.456	0.13
4423	— 12 4437	7.1	7	7	65.51	65.0	2 25.64	1	3.3352	+ 0.0112	— 0.004	— 12 43 9.9	1	9.843	0.428	0.11
4424	— 5 4246	8.7	....	9	67.51	67.0	2 27.46	2	3.1818	+ 0.0089	— 0.002	— 5 22 13.1	2	9.840	0.408	0.10
4425	.....	...	8 $\frac{1}{2}$	8 $\frac{1}{2}$	84.6	84.0	2 59.09	3	3.9554	+ 0.0245	— 0.013	— 37 7 50.1	3	9.800	0.508	0.19
4426	— 17 4508	8.3	8.0	8	66.43	66.0	4 4.12	3	3.4475	+ 0.0130	— 0.005	— 17 47 17.4	3	9.717	0.444	0.12
4427	— 21 4294	9.5	....	9.5	65.46	65.0	4 7.33	2	3.5273	+ 0.0145	— 0.007	— 21 15 35.4	2	9.713	0.454	0.13
4428	— 19 4329	9.7	10	...	77.41	75.0	4 20.54	1	3.4934	+ 0.0138	— 0.006	— 19 47 31.7	1	9.696	0.450	0.13
4429	+ 24 2976	9.3	....	...	81.3	80.0	4 40.65	2	2.5324	+ 0.0033	+ 0.001	+ 24 44 38.6	2	9.671	0.328	0.06
4430	— 17 4511	7.3	8	7.2	75.42	80.0	4 49.78	2	3.4508	+ 0.0130	— 0.005	— 17 54 21.9	2	9.659	0.445	0.12
4431	» »	»	....	7.5	85.4	85.0	49.94	..	»	»	»	21.8	..	»	»	»
4432	— 5 4259	8.5	....	9	67.40	67.0	7 4.15	3	3.1942	+ 0.0088	— 0.002	— 5 54 31.7	3	9.487	0.414	0.10
4433	» »	»	....	...	80.4	80.0	4.19	..	»	»	»	29.8	..	»	»	»
4434	+ 42 2683	6.3	....	7	74.39	75.0	7 39.49	1	1.9840	+ 0.0040	0.000	+ 42 41 44.3	1	9.441	0.259	0.04
4435	+ 1 3181	9.0	....	8.8	77.4	77.0	7 46.42	..	3.0342	+ 0.0069	— 0.001	+ 1 50 43.0	..	9.431	0.395	0.09
4436	— 14 4379	8.0	....	8.5	77.4	77.0	7 56.49	..	3.3735	+ 0.0114	— 0.004	— 14 19 11.3	..	9.419	0.438	0.12
4437	+ 22 2940	9.2	9	9.2	79.38	75.0	7 56.93	2	2.5874	+ 0.0036	+ 0.001	+ 22 19 52.0	2	9.419	0.337	0.06
4438	— 6 4388	8.9	9	9	80.49	80.0	8 6.99	2	3.1999	+ 0.0089	— 0.003	— 6 10 12.7	2	9.406	0.416	0.10
4439	» »	»	....	8.9	80.4	80.0	7.13	..	»	»	»	11.2	..	»	»	»
4440	.....	...	7 $\frac{1}{2}$	8	84.6	84.0	9 26.70	3	3.9791	+ 0.0237	— 0.015	— 37 26 23.9	3	9.303	0.518	0.18



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4401	69 62	Madras	Argel.-Weiss 12355	24 <sup>s</sup> 76	40 <sup>"</sup> 6	
4402	105 353	Dorpat, Lindstedt	B. D. 3012	24.9	45' 1	
4403	88 23	Berlin, Becker	B. B. VI p. 356 Nr. 93	27.28	14 <sup>"</sup> 6	
4404	69 62	Madras	.....	.....	.....	
4405	100 357	Kremsmünster, [Strasser]	Cordoba G. C. 21769	24.96	4.5	
4406	105 353	Dorpat, Lindstedt	B. D. 3015	37.8	18' 1	
4407	86 314	Leiden, Valentiner	Argel.-Weiss 12375	46.89	14 <sup>"</sup> 4	
4408	69 73	Berlin, Romberg	B. B. VI p. 356 Nr. 98	15.01	22.6	
4409	95 295	Pola, J. Palisa	B. D. 4242	14.8	26' 1	
4410	98 253	Kremsmünster	.....	.....	.....	
4411	86 314	Leiden, Valentiner u. [Becker]	Argel.-Weiss 12398	58.24	2 <sup>"</sup> 5	
4412	86 213	Berlin, Becker	B. D. 4084	14.8	33' 5	
4413	100 357	Kremsmünst., Strasser	Cordoba G. C. 21837	20.66	55 <sup>"</sup> 2	
4414	78 293	Leiden, Kam u. v. [Hennekeler]	Kain 3158	24.32	11.9	
4415	104 197	Leipzig, Engelmann	Armagh Cat. II 1883	34.88	15.0	
4416	112 364	Brüssel	Yarnall 6774	4.00	48.4	
4417	69 62	Madras	B. B. VI p. 356 Nr. 104	4.17	46.5	
4418	95 295	Pola, J. Palisa	Weisse, 1527, B. Z. 295	42.20	53.8	Siehe Noten.
4419	69 73	Berlin, Romberg	Argel.-Weiss 12431	55.00	4.5	
4420	69 73, 67 120	Berlin, Romberg	B. D. 4427	7.2	40' 1	
4421	98 141	Pola, J. Palisa	Arg.-Weiss 12436 (3 Beob.)	16.20	18 <sup>"</sup> 6	Die Decl. nach Arg. Weiss ist — 20° 25' 18 <sup>"</sup> .6. S. Noten.
4422	86 213	Berlin, Becker	Arg.-Weiss 12445	58.85	2.5	
4423	69 73, 67 247	Berlin, Romberg	Lalande 29391	25.66	7.3	
4424	78 293	Leiden, Kam u. v. [Hennekeler]	Schjellerup 5714	27.38	12.5	
4425	110 203	Cap	Cordoba Z. Cat. 232	59.17	54.0	
4426	69 62	Madras	Argel.-Weiss 12473	4.14	13.9	
4427	67 25	Leiden, v. Hennekeler	Yarnall 6805	7.37	31.3	
4428	91 215	Pola, J. Palisa	B. D. 4329	20.2	47' 7	
4429	105 353	Dorpat	B. D. 2976	39.0	44.4	
4430	88 25	Berlin, Becker	B. B. VI p. 356 Nr. 6	49.68	21 <sup>"</sup> 9	
4431	112 364	Brüssel	Yarnall 6812	49.70	20.1	
4432	78 293	Leiden, Kam u. v. [Hennekeler]	Weisse, 96 B. Z. 167	4.06	31.4	
4433	100 357	Kremsmünst., Strasser	Kain 3200	4.22	31.1	
4434	86 111	Hamburg, Pechüle	Weisse, 226-7, B. Z. 418 u. 420	39.67	40.4	{ A. N. um — 1' corrigirt. Siehe Noten. Bonn A. G. C. 10392. 39 <sup>s</sup> .37, 44 <sup>"</sup> .1; 6 <sup>m</sup> .5
4435	90 365	Strassburg, Schur	Albany A. G. C. 5384	46.64	41.8	
4436	90 365, 91 141	Strassburg, Schur	Yarnall 6833	56.55	13.3	
4437	95 295	Pola, J. Palisa	B. B. VI 2940	56.89	51.9	
4438	98 141, 101 201	Pola, J. Palisa	Weisse, 124 B. Z. 167	7.19	12.7	
4439	100 357	Kremsmünster, [Strasser]	v. Kuffner'sche Publ. III [Zone 46]	7.00	12.8	
4440	110 203	Cap	Cordoba G. C. 22054	26.60	23.0	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHLE DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHLE DER BEOB.	PRAECESSION IN DECL 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
4441	— 22° 4136	8.0	....	8½	?	74.0	16h 9m 47s 91	3	+ 3.5659	+ 0.0146	— 0.0007	— 22° 36' 34" 3	3	9" 275	+ 0" 465	+ 0" 113
4442	— 20 4456	9.6	10	9.6	78.34	75.0	10 28.02	1	3.5253	+ 0.0138	— 0.0007	— 20 53 18.6	1	9.224	0.460	0.11
4443	+ 24 2985	8.8	....	8.8	81.3	80.0	10 32.26	2	2.5347	+ 0.0034	+ 0.0001	+ 24 21 23.0	2	9.218	0.332	0.06
4444	— 5 4270	8.1	....	8	67.40	67.0	10 58.58	3	3.1934	+ 0.0086	— 0.0004	— 5 49 20.8	3	9.184	0.418	0.10
4445	— 17 4534	7.1	8	7	80.49	80.0	11 16.31	2	3.4376	+ 0.0122	— 0.0006	— 17 4 40.9	2	9.161	0.450	0.11
4446	— 21 4330	8.3	....	9	73.46	70.0	11 16.31	2	3.5356	+ 0.0139	— 0.0007	— 21 17 3.5	2	9.161	0.463	0.11
4447	+ 1 3194	7.4	....	7.1	77.4	77.0	11 23.69	..	3.0347	+ 0.0068	— 0.0001	+ 1 48 19.4	..	9.152	0.398	0.08
4448	— 17 4538	9.5	9-10	...	80.50	80.0	12 5.15	2	3.4517	+ 0.0124	— 0.0006	— 17 39 57.0	2	9.098	0.453	0.11
4449	— 18 4260	7.0	8	7	80.50	80.0	12 20.30	2	3.4716	+ 0.0127	— 0.0006	— 18 31 22.3	2	9.078	0.455	0.11
4450	— 16 4268	9.0	....	8-9	70.40	70.0	12 26.39	1	3.4280	+ 0.0119	— 0.0006	— 16 36 38.2	1	9.070	0.450	0.11
4451	— 14 4401	8.4	....	9	77.5	77.0	12 48.86	..	3.3773	+ 0.0111	— 0.0004	— 14 20 16.0	..	9.041	0.443	0.11
4452	— 18 4264	9.0	9-10	9	80.50	80.0	12 59.19	2	3.4626	+ 0.0125	— 0.0006	— 18 6 31.9	2	9.027	0.455	0.12
4453	— 17 4543	9.4	10.4	9.4	66.38	66.0	13 2.39	3	3.4519	+ 0.0123	— 0.0005	— 17 38 24.4	3	9.023	0.453	0.12
4454	— 17 4548	9.0	9.0	9	63.95	66.0	13 51.93	2	3.4470	+ 0.0121	— 0.0005	— 17 23 40.5	2	8.959	0.453	0.11
4455	+ 31 2839	9.0	....	9.0	66.43	65.0	14 24.20	2	2.3296	+ 0.0031	— 0.0000	+ 31 48 18.2	2	8.916	0.308	0.04
4456	— 4 4098	8.8	....	9-10	70.35	70.0	14 33.66	2	3.1679	+ 0.0082	— 0.0002	— 4 34 3.2	2	8.904	0.418	0.09
4457	— 21 4345	8.3	....	8-9	73.46	70.0	14 46.56	1	3.5409	+ 0.0136	— 0.0007	— 21 21 22.2	1	8.887	0.467	0.11
4458	— 6 4412	8.9	9	8.7	80.41	80.0	15 14.14	1	3.2162	+ 0.0087	— 0.0003	— 6 50 26.5	1	8.851	0.425	0.10
4459	— 13 4414	9.0	....	9-10	65.48	65.0	15 19.15	2	3.3531	+ 0.0106	— 0.0005	— 13 10 29.8	2	8.845	0.443	0.10
4460	.....	...	....	9	71.5	71.0	15 24.34	..	3.8930	+ 0.0205	— 0.0113	— 34 22 5.1	..	8.838	0.513	0.15
4461	— 18 4274	8.9	9	...	80.50	80.0	15 53.15	1	3.4733	+ 0.0123	— 0.0006	— 18 27 33.3	1	8.800	0.459	0.11
4462	— 14 4411	8.9	....	9	77.4	77.0	16 18.30	..	3.3814	+ 0.0109	— 0.0006	— 14 25 11.0	..	8.767	0.447	0.10
4463	— 16 4283	9.1	9	...	79.38	75.0	16 38.78	1	3.4276	+ 0.0116	— 0.0006	— 16 27 8.0	1	8.740	0.454	0.10
4464	— 19 4365	5.0	....	4.8	80.49	80.0	16 47.37	2	3.5042	+ 0.0128	— 0.0007	— 19 44 35.4	2	8.729	0.464	0.11
4465	— 17 4562	9.0	9.6	...	66.38	66.0	17 13.75	2	3.4510	+ 0.0119	— 0.0006	— 17 27 13.1	2	8.694	0.457	0.11
4466	— 13 4418	8.3	....	8.5	73.46	70.0	17 21.16	2	3.3581	+ 0.0105	— 0.0005	— 13 20 32.5	2	8.684	0.445	0.10
4467	» » »	»	....	...	65.48	65.0	21.37	3	»	»	»	30.7	3	»	»	»
4468	+ 23 2926	9.0	....	9	81.4	80.0	17 29.57	2	2.5514	+ 0.0035	— 0.0000	+ 23 22 3.7	2	8.674	0.339	0.06
4469	— 13 4425	9.2	9	...	77.41	75.0	19 0.56	3	3.3700	+ 0.0105	— 0.0005	— 13 50 1.4	3	8.554	0.448	0.10
4470	» » »	»	....	...	76.5	76.0	0.60	..	»	»	»	0.4	..	»	»	»
4471	— 16 4286	9.1	9-10	...	80.50	80.0	20 10.58	1	3.4218	+ 0.0112	— 0.0006	— 16 5 15.8	1	8.461	0.456	0.11
4472	— 1 3197	8.8	....	8.6	68.4	68.0	22 4.35	2	3.1154	+ 0.0072	— 0.0002	— 2 1 51.7	2	8.311	0.417	0.08
4473	+ 62 1478	6.5	6	5.6	75.0	83.0	22 8.09	4	0.7853	+ 0.0191	— 0.0110	+ 61 58 52.8	4	8.306	0.108	0.05
4474	— 13 4440	7.2	7.8	7.3	65.49	65.0	22 24.91	2	3.3599	+ 0.0101	— 0.0005	— 13 17 33.8	2	8.283	0.450	0.10
4475	— 14 4433	5.5	....	6.1	73.46	70.0	22 43.05	2	3.3822	+ 0.0104	— 0.0006	— 14 16 28.9	2	8.259	0.453	0.10
4476	— 4 4118	9.2	....	9.0	70.35	70.0	22 59.02	2	3.1793	+ 0.0079	— 0.0003	— 5 1 14.4	2	8.238	0.426	0.08
4477	+ 60 1676	8.0	8	8.8	84.29	83.0	23 6.46	3	0.9097	+ 0.0165	— 0.0008	+ 60 35 9.0	3	8.228	0.125	0.04
4478	+ 61 1593	9.1	9	9.2	84.29	83.0	23 11.60	3	0.8260	+ 0.0181	— 0.0009	+ 61 30 10.2	3	8.221	0.114	0.04
4479	+ 27 2649	9.0	9	9	79.38	75.0	23 17.05	2	2.4390	+ 0.0033	— 0.0000	+ 27 26 13.1	2	8.214	0.328	0.04
4480	— 16 4295	9.2	9-10	...	80.50	80.0	23 18.04	1	3.4303	+ 0.0110	— 0.0006	— 16 21 34.4	1	8.213	0.460	0.10

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4441	85 294	Paris	Cordoba G. C. 22061	47 <sup>s</sup> 88	35"1	Siehe Noten.
4442	98 201	Pola, J. Palisa	Küstner 469	28.06	19.2	
4443	105 353	Dorpat, Lindstedt	Berlin A. G. Z. 106, 116, 117	32.24	22.6	
4444	78 293	Leiden, Kam u. v. [Hennekeler]	Schjellerup 5750	58.40	19.0	
4445	98 141	Pola, J. Palisa	Arg.-Weiss 12567	16.07	39.3	
4446	84 244	Berlin, Tietjen	Arg.-Weiss 12566	16.46	0.8	
4447	90 365	Strassburg, Schur	Albany A. G. C. 5397	23.62	20.3	
4448	98 141	Pola, J. Palisa	A.N. 98 167, Mikr. Anschluss	5.05	36.7	
4449	98 141	Pola, J. Palisa	Arg.-Weiss 12577	20.30	19.0	
4450	81 73	Berlin, Tietjen	Arg.-Weiss 12579	26.49	34.7	
4451	90 365	Strassburg, Schur	M <sub>1</sub> 12410	48.54	23.6	Siehe Noten.
4452	98 141	Pola, J. Palisa	Arg.-Weiss 12591	59.03	31.3	
4453	69 62	Madras	B. D. 4543	3.8	38'6	
4454	69 62	Madras	Arg.-Weiss 12606	51.97	36"7	
4455	69 73	Berlin, Romberg	Leiden A. G. Z. 57, 59	24.14	18.7	
4456	81 73	Berlin, Tietjen	M <sub>1</sub> 12449	33.63	4.0	
4457	84 244	Berlin, Tietjen	Arg.-Weiss 12609	46.66	18.0	
4458	98 141	Pola, J. Palisa	Schjellerup 5776	13.95	26.0	
4459	69 73	Berlin, Romberg	Weisse <sub>1</sub> 264, B. Z. 246	19.19	25.6	
4460	79 107	Cambridge (M.)	Cordoba Z. Cat. 1073	24.31	0.7	
4461	98 141	Pola, J. Palisa	B. D. 4274	54.4	27'5	Duplex praec.
4462	90 365, 91 141	Strassburg	M <sub>1</sub> 12494	18.20	16"5	A. N. 95 295 um + 0 <sup>s</sup> .31 corrigirt. Siehe Noten. A. N. Statt φ lies ψ Ophinci.
4463	95 295	Pola, J. Palisa	A.N. 95 309, Mikr. Anschluss	38.83	6.9	
4464	98 141	Pola, J. Palisa	Cordoba G. C. 22219	47.40	35.0	Siehe Noten.
4465	69 62	Madras	B. D. 4562	3.8	27'8	
4466	84 244	Berlin, Tietjen	M <sub>2</sub> 6080	20.85	38"0	Berlin A. G. C. B. 5586, 29 <sup>s</sup> .76, 3"0 8m.8
4467	69 73	Berlin, Romberg	Weisse <sub>1</sub> 303, B. Z. 253	22.14	24.3	
4468	105 354	Dorpat	Weisse <sub>2</sub> 493, B. Z. 369	29.77	3.0	
4469	92 373	Pola, J. Palisa	B. D. 4425	0.0	50'2	
4470	90 125	Pola, A. Palisa	.....	.....	.....	
4471	98 141	Pola, J. Palisa	B. D. 4281	9.9	5.2	Siehe Noten.
4472	78 169	Warschau	Schjellerup 5818-9	4.37	49"6	
4473	109 381	Pulkowa, Romberg	Helsingfors A. G. C. 8811	8.10	53.8	
4474	69 74, 67 120	Berlin, Romberg	Yarnall 6923	24.77	34.8	
4475	84 244	Berlin, Tietjen	Cordoba G. C. 22332	43.02	27.8	
4476	81 73	Berlin, Tietjen	M <sub>2</sub> 6128	58.78	12.3	
4477	109 381	Pulkowa, Romberg	Helsingfors A. G. C. 8816	6.50	7.4	
4478	109 381	Pulkowa, Romberg	Helsingfors A. G. C. 8818	11.78	10.6	
4479	95 295	Pola, J. Palisa	Weisse <sub>2</sub> 674, B. Z. 366	17.41	15.6	
4480	98 141	Pola, J. Palisa	B. D. 4295	17.9	21'2	

NUM- MER.	NUMMER der nördl. u. süd. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
4481	— 2°4199	8.5	....	9	68.4	68.0	1800 +	3	+ 3 <sup>s</sup> 1242	+0 <sup>s</sup> 0073	—0 <sup>s</sup> 003	— 2°26' 13"2	3	8" 207	+0" 419	+0" 000
4482	.....	...	6	6.5	80.54	75.0	23 42.58	3	3.6746	+0.0148	—0.011	—26 15 48.0	3	8.180	0.493	0.12
4483	.....	...	6.5	6.5	80.31	75.0	42.59	4	»	»	»	48.8	4	»	»	»
4484	+ 23 2939	8.5	....	8	81.4	80.0	24 8.56	1	2.5307	+0.0035	0.000	+23 54 20.2	1	8.145	0.341	0.05
4485	.....	...	....	8½	66.42	66.0	24 15.69	2	3.6614	+0.0145	—0.011	—25 44 22.8	2	8.136	0.491	0.11
4486	+ 60 1677	9.5	9-10	...	84.35	83.0	24 18.57	3	0.9538	+0.0155	—0.008	+60 1 10.5	3	8.132	0.131	0.04
4487	+ 60 1678	9.5	9	...	84.36	83.0	24 21.17	2	0.9100	+0.0164	—0.008	+60 31 24.	..	8.129	0.125	0.04
4488	— 17 4591	8.0	....	8	73.46	70.0	24 25.92	2	3.4563	+0.0113	—0.007	—17 26 29.2	2	8.122	0.464	0.05
4489	+ 42 2714	4.9	....	5.0	74.39	75.0	24 32.37	2	1.9653	+0.0041	—0.001	+42 9 28.1	2	8.114	0.266	0.04
4490	— 21 4381	5.5	....	4.7	80.49	80.0	24 43.72	2	3.5466	+0.0126	—0.008	—21 11 48.9	2	8.098	0.477	0.11
4491	— 13 4449	9.3	9	...	77.38	75.0	24 57.18	2	3.3752	+0.0101	—0.006	—13 54 25.0	2	8.080	0.454	0.09
4492	» »	»	....	...	76.5	76.0	57.25	..	»	»	»	25.5	..	»	»	»
4493	— 20 4506	8.5	....	9	66.40	66.0	25 4.19	2	3.5294	+0.0123	—0.008	—20 28 55.2	2	8.071	0.475	0.10
4494	.....	...	8	8	84.6	84.0	25 19.81	2	3.9988	+0.0208	—0.016	—37 6 49.4	2	8.050	0.539	0.16
4495	— 19 4376	8.8	9	9.2	79.39	75.0	25 21.29	1	3.5016	+0.0119	—0.007	—19 19 19.4	1	8.048	0.471	0.10
4496	+ 59 1727	9.3	9	9.4	84.30	83.0	25 23.53	2	0.9724	+0.0151	—0.008	+59 44 55.8	2	8.045	0.133	0.04
4497	+ 60 1679	9.5	9-10	9.5	84.30	83.0	25 34.49	2	0.9365	+0.0157	—0.008	+60 9 38.6	2	8.031	0.129	0.04
4498	— 19 4377	9.2	9	..	79.38	75.0	25 35.70	1	3.5055	+0.0119	—0.008	—19 28 38.4	1	8.029	0.472	0.10
4499	— 17 4597	9.5	10	...	80.50	80.0	26 11.90	1	3.4704	+0.0113	—0.007	—17 58 58.2	1	7.981	0.468	0.12
4500	+ 62 1483	8.0	8	8.1	84.42	83.0	26 20.19	3	0.7048	+0.0200	—0.010	+62 36 22.9	3	7.970	0.098	0.05
4501	+ 22 2985	9.0	....	7.0	81.4	80.0	26 42.78	1	2.5549	+0.0035	0.000	+22 51 5.6	1	7.939	0.346	0.05
4502	+ 23 2945	9.3	....	9	81.4	80.0	26 43.71	2	2.5510	+0.0035	0.000	+23 0 7.7	2	7.938	0.345	0.05
4503	— 14 4444	7.2	8.4	8-9	73.41	73.0	26 47.99	2	3.3830	+0.0101	—0.006	—14 12 0.8	2	7.932	0.457	0.06
4504	+ 59 1728	9.5	9-10	9.5	84.29	83.0	26 50.38	3	1.0258	+0.0140	—0.007	+59 1 59.2	3	7.929	0.141	0.04
4505	+ 62 1485	9.0	9	8.7	84.36	83.0	27 4 81	3	0.6783	+0.0205	—0.010	+62 50 1.8	3	7.910	0.094	0.05
4506	— 3 3964	8.0	....	8	68.4	68.0	27 24.04	4	3.1480	+0.0073	—0.003	— 3 31 31.5	4	7.884	0.426	0.05
4507	— 20 4518	9.1	9-10	...	80.50	80.0	27 50.52	2	3.5214	+0.0119	—0.008	—20 3 16.1	2	7.849	0.476	0.12
4508	— 16 4310	9.4	....	...	73.44	70.0	27 57.56	3	3.4416	+0.0108	—0.007	—16 42 25.5	3	7.839	0.465	0.05
4509	.....	...	....	...	81.4	80.0	28 12.77	1	2.5669	+0.0036	0.000	+22 18 54.0	1	7.819	0.348	0.05
4510	— 15 4346	8.2	....	8-9	77.47	76.0	28 13.11	2	3.4254	+0.0105	—0.007	—16 0 20.0	2	7.818	0.463	0.05
4511	+ 63 1275	8.4	8.9	8.7	84.29	83.0	28 32.86	3	0.6474	+0.0208	—0.010	+63 4 3.7	3	7.792	0.090	0.05
4512	+ 63 1277	9.3	9	...	84.35	83.0	28 57.05	3	0.6318	+0.0210	—0.010	+63 11 57.5	3	7.759	0.088	0.05
4513	— 15 4351	9.4	....	...	70.38	70.0	29 25.89	4	3.4131	+0.0102	—0.007	—15 26 38.4	4	7.720	0.463	0.05
4514	— 13 4459	7.8	....	8.0	65.48	65.0	29 44.07	2	3.3671	+0.0096	—0.006	—13 27 46.8	2	7.696	0.457	0.05
4515	— 18 4298	8.5	9	9	80.50	80.0	30 19.15	1	3.4766	+0.0110	—0.008	—18 6 56.7	1	7.649	0.472	0.10
4516	.....	..	....	...	65.38	65.0	30 20.52	2	3.3756	+0.0097	—0.006	—13 47 26.2	2	7.647	0.458	0.05
4517	— 16 4317	8.0	....	8	73.42	70.0	30 26.44	2	3.4406	+0.0105	—0.007	—16 35 42.4	2	7.639	0.467	0.05
4518	+ 57 1687	9.4	9-10	...	84.28	83.0	30 55.46	3	1.1322	+0.0120	—0.005	+57 28 26.4	3	7.600	0.156	0.05
4519	+ 63 1283	8.0	8	8.2	84.32	83.0	31 55.91	3	0.5685	+0.0217	—0.010	+63 39 47.4	3	7.518	0.080	0.05
4520	+ 56 1901	9.3	9	9.3	84.39	83.0	32 2.48	3	1.1842	+0.0111	—0.005	+56 42 41.2	3	7.510	0.163	0.05

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4481	74 248	Königsberg, Lorek	Schjellerup 5825	21 <sup>s</sup> 95	13" 1	
4482	110 293	Cap	Cordoba G. C. 22353	42.64	48.4	
4483	110 293	Leiden, E. Bakh, [Stieltjes u. Wilterd.	B. B. VI p. 357 Nr. 36	42.72	45.5	Stone Cape Cat. 1880.o. Nr. 8964, 42 <sup>s</sup> .57, 47" 9; 6-7.
4484	105 354	Dorpat	Lalande 30050	8.81	29.1	Berlin A. G. C. B. 5621, 8 <sup>s</sup> .56, 24" 6; 8 <sup>m</sup> .5.
4485	69 379	Leiden, v. Hennekeler	Cordoba G. C. 22365	15.54	21.9	
4486	109 381	Pulkowa, Romberg	B. D. 1677	18.2	1' 2	
4487	109 381	Pulkowa, Romberg	B. D. 1678	21.1	30.5	Bloss in A. R. scharf bestimmt.
4488	84 244, 86 89	Berlin, Tietjen	Argel-Weiss 12681	25.95	26" 0	
4489	86 111	Hamburg, Pechüle	Pulkowa Cat. 1875.o, 3630	32.24	27.2	E. B. 0 <sup>s</sup> .000 + 0" 042 nach Pulk. Cat.
4490	98 141	Pola, J. Palisa	Cordoba G. C. 22374	43.70	48.1	Bonn A. G. C. 10552, 32 <sup>s</sup> .22, 28" 3; 5 <sup>m</sup> .0. ω Ophiuchi.
4491	92 373	Pola, J. Palisa	B. D. 4449	56.9	54' 2	
4492	90 125	Pola, A. Palisa	.....	.....	.....	
4493	69 379	Leiden, Kam u. v. [Hennekeler	Argel-Weiss 12685	4.03	51" 9	Cincinnati Zones 2744, 3 <sup>s</sup> .95, 58" 1; 8 <sup>m</sup> .2. S. Noten.
4494	110 203	Cap	Cordoba G. C. 22396	19.76	49.0	
4495	95 295	Pola, J. Palisa	Cincinnati Zones 2745	21.74	21.3	Wash. Mur. Zone 258 Nr. 6, 21 <sup>s</sup> .00, 18" 2; 11 <sup>m</sup> . S. Noten.
4496	109 381	Pulkowa, Romberg	Helsingfors A. G. C. 8828	23.59	56.2	
4497	109 381, 110 395	Pulkowa, Romberg	Helsingfors A. G. C. 8830	34.47	39.2	
4498	95 295	Pola, J. Palisa	B. D. 4377	35.2	28' 7	
4499	98 141	Pola, J. Palisa	B. D. 4598	12.3	59.7	
4500	109 381	Pulkowa, Romberg	Helsingfors A. G. C. 8835	20.08	23" 0	
4501	105 354	Dorpat	Weisse, 774, B. Z. 369	43.62	7.0	Berlin A. G. C. B. 5632, 42 <sup>s</sup> 79, 6" 5; 8 <sup>m</sup> .7.
4502	105 183	Königsberg	Weisse, 775, B. Z. 369	43.82	6.2	Berlin A. G. C. B. 5633, 43 <sup>s</sup> .51, 6" 3; 9 <sup>m</sup> .2.
4503	84 179	Leipzig, Engelmann	Santini, 1496	47.91	1.4	
4504	109 381	Pulkowa, Romberg	A. N. 107 225, Mikr. Anschl.	50.51	2.2	
4505	109 381	Pulkowa, Romberg	Helsingfors A. G. C. 8842	4.61	2.8	
4506	78 167	Warschau	M, 12723	24.13	31.5	
4507	98 141	Pola, J. Palisa	A. N. 98 167, Mikr. Anschl.	50.51	8.7	
4508	84 244	Berlin, Tietjen	B. D. 4310	57.9	42' 9	
4509	105 354	Dorpat	.....	.....	.....	
4510	94 309	Berlin, Tietjen	Argel-Weiss 12708	12.77	16" 1	
4511	109 381	Pulkowa, Romberg	Helsingfors A. G. C. 8853	33.04	2.0	
4512	109 381	Pulkowa, Romberg	B. D. 1277	56.0	12' 6	
4513	81 73	Berlin, Tietjen	B. D. 4351	24.8	26.7	
4514	69 74, 67 120	Berlin, Romberg	Armagh Cat. II 1946	44.07	46" 2	
4515	98 141	Pola, J. Palisa	Argel-Weiss 12720	18.94	56.5	
4516	67 25	Leiden, Kam u. v. [Hennekeler	.....	.....	.....	Siehe Noten.
4517	84 244	Berlin, Tietjen	Argel-Weiss 12721	26.59	36.4	Radcliffe Cat. 1890.o Nr. 4313, 26 <sup>s</sup> .33, 41" 0; 8 <sup>m</sup> .
4518	109 381	Pulkowa, Romberg	B. D. 1687	54.0	27' 7	
4519	109 381	Pulkowa, Romberg	Helsingfors A. G. C. 8879	56.09	48" 7	
4520	109 381	Pulkowa, Romberg	Helsingfors A. G. C. 8880	2.43	42.7	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle	Beob.	Pos.											
					1800	+											
4521	.. .. .	...	8	8½	65.50	65.0	16h 32m 26s 01	2	+ 3.6722	+0.0136	-0.010	-25° 48' 40" 0	2	7" 477	+0" 501	+0.0	
4522	+ 63° 1285	9.3	9	9.2	84.30	83.0	33 37.90	3	0.5856	+0.0210	-0.010	+63 26 17.3	3	7.380	0.083	0.05	
4523	.. .. .	...	7	6.3	65.47	65.0	34 1.79	2	3.6319	+0.0128	-0.010	-24 13 22.2	2	7.347	0.496	0.11	
4524	- 14 4470	8.7	....	9	77.4	77.0	34 4.39	..	3.4035	+0.0097	-0.007	-14 54 39.4	..	7.344	0.465	0.0	
4525	- 16 4328	8.5	....	8-9	77.47	76.0	34 39.93	2	3.4322	+0.0100	-0.007	-16 7 13.5	2	7.296	0.469	0.01	
4526	+ 56 1905	9.0	8	8.2	84.30	83.0	34 56.77	3	1.2247	+0.0103	-0.005	+56 0 17.5	3	7.273	0.170	0.02	
4527	.....	...	....	6.5	77.40	75.0	35 5.49	4	4.1510	+0.0218	-0.021	-40 52 45.6	4	7.261	0.567	0.11	
4528	- 21 4403	8.0	9	8-9	80.50	80.0	35 36.53	2	3.5536	+0.0115	-0.009	-21 6 9.1	2	7.219	0.487	0.02	
4529	- 21 4404	9.0	9	9	80.49	80.0	35 40.51	1	3.5624	+0.0116	-0.010	-21 26 57.9	1	7.213	0.488	0.11	
4530	- 8 4294	8.0	9	9	64.50	65.0	36 13.03	2	3.2636	+0.0080	-0.005	- 8 42 41.7	2	7.169	0.447	0.02	
4531	+ 41 2737	9.1	....	9.2	66.53	66.0	36 30.09	2	1.9503	+0.0041	-0.001	+41 55 41.1	2	7.146	0.269	0.02	
4532	+ 56 1909	9.4	9-10	...	84.28	83.0	36 31.64	3	1.1545	+0.0111	-0.005	+56 55 10.3	3	7.144	0.160	0.02	
4533	+ 22 3007	8.8	....	7	81.4	80.0	36 45.07	1	2.5648	+0.0035	-0.001	+22 5 53.8	1	7.125	0.353	0.02	
4534	+ 41 2742	7.5	....	8	74.39	75.0	38 3.73	2	1.9667	+0.0040	-0.001	+41 25 59.6	2	7.018	0.272	0.02	
4535	- 12 4588	9.8	....	9.8	73.44	70.0	38 13.74	2	3.3585	+0.0089	-0.007	-12 52 16.9	2	7.004	0.462	0.02	
4536	+ 55 1865	8.9	8.9	8.7	84.39	83.0	38 21.85	3	1.2219	+0.0101	-0.005	+55 53 42.4	3	6.993	0.170	0.02	
4537	.....	...	....	8½	75.57	74.0	40 12.64	1	3.6252	+0.0120	-0.010	-23 44 50.3	1	6.842	0.500	0.11	
4538	.....	...	7½	7½	84.6	84.0	40 14.23	2	4.0201	+0.0181	-0.019	-37 1 22.2	2	6.840	0.554	0.11	
4539	.....	...	8	7.1	65.81	65.0	40 38.09	4	+ 3.6401	+0.0121	-0.011	-24 18 2.9	4	6.807	+0.502	0.11	
4540	+ 79 504	9.0	8.9	9.0	65.09	65.0	40 38.89	1	- 3.4838	+0.1813	+0.050	+79 8 28.5	1	6.806	-0.475	0.02	
4541	+ 55 1873	8.3	8	8.4	84.30	83.0	41 40.68	3	+ 1.2629	+0.0093	-0.004	+55 9 18.0	3	6.721	+0.176	0.02	
4542	- 8 4320	7.4	8.9	8.5	65.52	65.0	42 11.48	2	3.2652	+0.0076	-0.006	- 8 42 22.1	2	6.678	0.452	0.11	
4543	+ 55 1875	9.5	9-10	...	84.28	83.0	42 25.85	3	1.2668	+0.0092	-0.004	+55 3 53.9	3	6.659	0.177	0.02	
4544	+ 55 1876	6.7	7	6.7	84.29	83.0	43 3.38	3	1.2328	+0.0095	-0.005	+55 32 26.1	3	6.607	0.173	0.02	
4545	- 3 4008	8.0	....	8	77.5	77.0	43 55.77	..	3.1475	+0.0065	-0.004	- 3 24 28.3	..	6.535	0.437	0.02	
4546	- 22 4232	8.0	....	9.0	73.46	73.0	44 31.24	2	3.6013	+0.0111	-0.011	-22 41 37.4	2	6.486	0.500	0.11	
4547	- 14 4492	7.2	8.5	8	73.46	73.0	44 58.16	2	3.4017	+0.0087	-0.007	-14 35 18.1	2	6.449	0.472	0.02	
4548	- 3 4014	8.0	....	8.5	77.4	77.0	45 44.87	..	3.1554	+0.0064	-0.004	- 3 45 16.3	..	6.384	0.439	0.02	
4549	- 8 4346	8.2	9	...	65.51	65.0	46 58.62	2	3.2679	+0.0073	-0.006	- 8 45 41.1	2	6.282	0.455	0.02	
4550	.....	...	....	7½	73.47	73.0	47 17.70	2	3.6194	+0.0110	-0.011	-23 18 17.5	2	6.256	0.504	0.11	
4551	.....	...	7½	8	84.6	84.0	47 44.66	3	4.0294	+0.0166	-0.020	-36 58 58.7	3	6.218	0.561	0.11	
4552	- 3 4023	7.3	....	8	77.4	77.0	47 51.52	..	3.1602	+0.0064	-0.004	- 3 57 25.0	..	6.209	0.441	0.11	
4553	.....	...	9	9	65.49	65.0	48 13.85	2	3.6338	+0.0100	-0.011	-23 49 11.7	2	6.178	0.507	0.11	
4554	+ 54 1841	8.5	8.9	9.1	84.27	83.0	48 32.62	3	1.3212	+0.0082	-0.004	+53 59 40.3	3	6.152	0.186	0.02	
4555	+ 54 1844	7.0	7.8	7.4	84.30	83.0	49 10.84	3	1.2841	+0.0085	-0.004	+54 32 18.5	3	6.099	0.181	0.02	
4556	- 22 4249	5.5	....	7	73.46	73.0	49 15.80	2	3.6116	+0.0106	-0.011	-22 56 58.4	2	6.092	0.504	0.11	
4557	.....	...	....	8	71.48	71.0	49 43.06	1	3.5195	+0.0095	-0.009	-19 20 27.3	1	6.053	0.492	0.11	
4558	- 19 4471	6.9	....	6½	71.49	71.0	49 43.49	3	3.5196	+0.0095	-0.009	-19 20 24.0	3	6.053	0.492	0.11	
4559	+ 18 3266	4.8	....	5.5	81.4	80.0	49 52.46	2	2.6423	+0.0036	-0.001	+18 38 4.8	2	6.041	0.370	0.04	
4560	+ 54 1848	9.4	9-10	8.6	84.28	83.0	50 25.99	3	1.2983	+0.0083	-0.004	+54 16 32.3	3	5.994	0.183	0.02	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4521	69 74	Berlin, Romberg	Cordoba G. C. 22549	25 <sup>s</sup> 87	42" 9	M <sub>2</sub> 6222, 4 <sup>s</sup> .11, 46" 4; 10 <sup>m</sup> .0.  Nach Helsingf. A. G. C. Variabel?  Cincinnati. Zones 2755, 36 <sup>s</sup> .53, 7" 3; 8 <sup>m</sup> .8. A. N. $\delta$ um — 1' corrigirt. Siehe Noten.
4522	109 381	Pulkowa, Romberg	Helsingfors 8897	37.80	19.8	
4523	69 74	Berlin, Romberg	Cordoba G. C. 22576	1.74	25.3	
4524	90 365	Strassburg, Schur	M <sub>1</sub> 12882	4.27	43.2	
4525	94 309	Berlin, Tietjen	Argel.-Weiss 12765	39.96	10.8	
4526	109 381	Pulkowa, Romberg	Helsingfors A. G. C. 8910	56.75	18.0	
4527	92 373	Pola, J. Palisa	Cordoba G. C. 22601	5.59	42.3	
4528	98 141	Pola, J. Palisa	Argel.-Weiss 12773	36.62	4.3	
4529	98 141	Pola, J. Palisa	Argel.-Weiss 12774	40.21	52.9	
4530	69 74	Berlin, Romberg	Kam 3260	12.87	42.5	
4531	69 381	Leiden, Kam u. v. [Hennekeler]	B. B. VI 2737	30.01	40.1	Berlin A. G. C. B. 5698, 45 <sup>s</sup> .09, 49" 4; 8 <sup>m</sup> .9. Bonn A. G. C. 10683, 3 <sup>s</sup> .65, 58" 9; 7 <sup>m</sup> .8. A. N. um + 1 <sup>m</sup> corrigirt. Siehe Noten.  A. N. 91 die Epoche ist 1874 0 statt 1875.0. S. Noten.
4532	109 381	Pulkowa, Romberg	B. D. 1909	32.0	56' 3	
4533	105 354	Dorpat	Lalande 30430	45.19	48" 8	
4534	86 111	Hamburg, Pechüle	Brüssel Cat. 6695	3.63	59.3	
4535	84 244	Berlin, Tietjen	B. D. 4588	14.3	52' 3	
4536	109 381	Pulkowa, Romberg	Helsingfors A. G. C. 8933	22.15	43" 2	
4537	91 215, 95 293	Pola, J. Palisa	Cordoba G. C. 22692	12.59	47.7	
4538	110 203	Cap	Cordoba G. C. 22693	14.18	22.6	
4539	69 74	Berlin, Romberg	Cordoba G. C. 22704	38.02	3.4	
4540	69 74	Berlin, Romberg	B. B. VI 504	37.76	26.2	
4541	109 382	Pulkowa, Romberg	Helsingfors A. G. C. 8953	40.49	22.3	Siehe Noten  A. N. $\delta$ um + 1' corrigirt. Siehe Noten.  A. N. verbunden mit mehreren Catalogen [E. B. — 0 <sup>s</sup> .0082 + 0" 025; n. Greenw. Cat. 54 Herculis.
4542	69 74	Berlin, Romberg	Schjellerup 5965	11.51	22.8	
4543	109 381	Pulkowa, Romberg	B. D. 1825	25.9	6' 2	
4544	109 381, 110 395	Pulkowa, Romberg	Helsingfors 8964	3.49	26" 8	
4545	90 365	Strassburg, Schur	Glasgow Cat. I 4148	55.86	31.7	
4546	86 314	Leiden, Valentiner	Pulkowa Cat. 1875.0 3695	31.22	39.4	
4547	84 179	Leipzig, Engelmann	Santini, 1512	58.29	17.3	
4548	90 365	Strassburg, Schur	Schjellerup 5997	44.81	15.8	
4549	69 74	Berlin, Romberg	Göttingen Cat. II 4109	58.74	39.9	
4550	86 314	Leiden, E. Bakhuyzen [u. Valentiner]	Cordoba G. C. 22878	17.61	18.9	
4551	110 203	Cap	Cordoba G. C. 22893	44.67	58.0	
4552	90 365	Strassburg, Schur	Cordoba G. C. 22898	51.37	28.9	
4553	69 74	Berlin, Romberg	Cordoba G. C. 22910	13.59	14.1	
4554	109 382, 110 395	Pulkowa, Romberg	Cambridge (M.) A. G. C. 5094	32.75	38.5	
4555	109 382	Pulkowa, Romberg	Cambridge (M.) A. G. C. 5097	10.96	16.0	
4556	86 314	Leiden, Valentiner	Argel.-Weiss 12939	15.77	57.1	
4557	78 202	Cambr., (M.) Rogers	Cordoba G. C. 22943	43.13	26.7	
4558	78 202	Cambr., (M.) Rogers	Cordoba G. C. 22944	43.37	23.4	
4559	105 304	Dorpat	Greenw. 10 Year Cat. 2640	52.51	3.9	
4560	109 382	Pulkowa, Romberg	Cambridge (M.) A. G. C. 5104	26.22	29.0	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
4561	.....	...	....	10	77.47	75.0	16 <sup>h</sup> 50 <sup>m</sup> 27 <sup>s</sup> 90	2	+ 3 <sup>s</sup> 6238	+0 <sup>s</sup> 0106	-0 <sup>s</sup> 0111	-23° 22' 37" 9	2	5" 992	+0" 507	+0" 000
4562	.....	...	....	9	75.5	75.0	50 44.39	..	3.6447	+0.0108	-0.0111	-24 9 21.2	..	5.969	0.510	0.000
4563	— 11° 4249	7.2	....	9	66.43	65.0	51 3.97	2	3.3410	+0.0076	-0.007	-11 53 6.9	2	5.941	0.468	0.000
4564	.....	...	9	9½	75.53	80.0	51 18.16	1	3.6290	+0.0106	-0.0111	-23 32 58.0	1	5.922	0.508	0.000
4565	— 9 4472	8.3	9	9	81.51	81.0	51 42.13	2	3.2868	+0.0071	-0.006	-9 31 50.3	2	5.888	0.461	0.000
4566	— 11 4256	9.0	....	9	66.4	66.0	51 47.86	2	3.3418	+0.0076	-0.007	-11 54 27.7	2	5.880	0.468	0.000
4567	+ 40 3076	9.5	....	...	66.53	66.0	52 0.37	2	1.9721	+0.0039	-0.001	+40 42 37.6	2	5.863	0.278	0.000
4568	— 18 4372	6.7	....	6.7	63.52	65.0	52 27.87	2	3.4892	+0.0089	-0.009	-18 3 3.2	2	5.824	0.489	0.000
4569	+ 20 3363	7.7	....	7-8	81.4	80.0	53 0.21	3	2.5977	+0.0035	-0.001	+20 20 20.6	3	5.779	0.365	0.000
4570	.....	...	9	9	75.51	80.0	53 4.35	1	3.6243	+0.0103	-0.0111	-23 19 28.0	1	5.773	0.509	0.000
4571	+ 53 1907	9.5	9-10	...	84.27	83.0	53 49.31	3	1.3378	+0.0077	-0.004	+53 32 21.4	3	5.710	0.189	0.000
4572	— 4 4215	5.8	....	6	65.52	65.0	54 28.19	2	3.1627	+0.0060	-0.005	-4 1 55.6	2	5.656	0.445	0.000
4573	— 18 4381	6.5	6.7	...	83.48	80.0	54 32.57	2	3.5064	+0.0089	-0.009	-18 41 59.0	2	5.650	0.493	0.000
4574	.....	...	....	7½	71.6	71.0	54 42.86	..	4.1452	+0.0169	-0.024	-39 54 12.9	..	5.636	0.582	0.120
4575	— 9 4482	8.5	....	9.3	65.49	65.0	56 26.84	2	3.2780	+0.0067	-0.006	-9 5 23.3	2	5.490	0.462	0.000
4576	.....	...	....	7½	77.46	75.0	56 54.22	1	3.6240	+0.0098	-0.0111	-23 12 44.1	1	5.452	0.511	0.000
4577	+ 53 1910	7.5	7.8	7.2	84.27	83.0	57 14.12	3	1.3500	+0.0073	-0.004	+53 13 40.7	3	5.424	0.192	0.000
4578	— 10 4435	9.4	....	...	85.56	85.0	57 30.85	2	3.3218	+0.0069	-0.006	-10 58 12.2	2	5.400	0.469	0.000
4579	.....	...	....	8½	77.47	75.0	57 47.77	1	3.6334	+0.0098	-0.0111	-23 32 24.7	1	5.376	0.513	0.000
4580	.....	...	8½	8½	84.6	84.0	57 56.80	2	4.0403	+0.0146	-0.020	-36 55 29.1	2	5.364	0.570	0.110
4581	— 12 4661	9.0	....	10	66.4	66.0	59 20.51	4	3.3541	+0.0071	-0.007	-12 19 12.1	4	5.246	0.474	0.000
4582	— 12 4662	7.3	....	7½	66.4	66.0	59 22.59	3	3.3522	+0.0071	-0.007	-12 14 27.3	3	5.243	0.474	0.000
4583	+ 28 2661	7.3	7.5	7.7	67.41	67.0	59 48.34	3	2.3781	+0.0032	-0.001	+28 15 51.2	3	5.207	0.337	0.000
4584	— 19 4527	8.0	7.5	7.0	83.47	80.0	17 0 6.39	1	3.5199	+0.0084	-0.010	-19 7 5.2	1	5.181	0.458	0.000
4585	.....	...	....	9	75.6	75.0	0 36.57	..	3.6343	+0.0094	-0.012	-23 30 16.2	..	5.139	0.514	0.000
4586	.....	...	....	9	75.5	75.0	0 51.08	..	3.6324	+0.0094	-0.012	-23 25 37.5	..	5.118	0.514	0.000
4587	— 20 4646	7.8	8.9	8-9	83.49	80.0	1 8.78	1	3.5442	+0.0085	-0.010	-20 3 5.3	1	5.093	0.502	0.000
4588	— 4 4233	7.8	9	8.7	65.49	65.0	1 26.01	2	3.1664	+0.0056	-0.005	-4 9 41.1	2	5.069	0.449	0.000
4589	— 10 4445	6.1	....	5.8	81.53	80.0	2 53.43	3	3.3091	+0.0065	-0.006	-10 21 29.6	3	4.946	0.470	0.000
4590	» » »	»	6	5.6	81.54	81.0	53.55	3	»	»	»	31.1	3	»	»	»
4591	— 19 4547	7.0	7.5	7.0	83.49	80.0	2 53.64	1	3.5254	+0.0081	-0.010	-19 16 32.8	1	4.945	0.500	0.000
4592	+ 19 3238	9.2	....	9.2	81.4	80.0	3 12.37	5	2.6098	+0.0034	-0.001	+19 38 16.1	5	4.919	0.371	0.000
4593	.....	...	10½	9.4	84.6	84.0	3 19.11	4	4.0376	+0.0134	-0.021	-36 40 36.5	4	4.909	0.573	0.100
4594	— 20 4661	7.5	7.0	7½	83.47	80.0	3 57.57	1	3.5512	+0.0082	-0.010	-20 15 59.5	1	4.855	0.504	0.000
4595	— 9 4510	9.0	....	9.0	85.55	85.0	4 22.00	2	3.2997	+0.0063	-0.006	-9 56 35.6	2	4.820	0.469	0.000
4596	.....	...	9½	9.4	84.6	84.0	4 42.33	2	4.0396	+0.0131	-0.021	-36 41 32.2	2	4.792	0.574	0.000
4597	— 22 4299	7.7	8	8	81.55	81.0	4 50.83	3	3.6173	+0.0087	-0.012	-22 46 15.2	3	4.780	0.514	0.000
4598	.....	...	9	9.2	75.51	80.0	4 52.11	2	3.6371	+0.0089	-0.012	-23 30 40.5	2	4.778	0.517	0.000
4599	+ 52 2028	8.8	8.9	8.5	84.27	83.0	5 6.16	3	1.3809	+0.0065	-0.004	+52 28 44.8	3	4.758	0.198	0.000
4600	— 20 4676	8.5	9.0	9	83.47	80.0	5 54.20	1	3.5566	+0.0081	-0.010	-20 26 8.7	1	4.690	0.506	0.000



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N
				A.R.	Decl.	
4561	94 309	Berlin, Tietjen	Cordoba Z. Cat. 3596	27 <sup>m</sup> 61	34 <sup>m</sup> 7	Siehe Noten.
4562	90 195	Washington	Gill-Kapteyn Phot. Durchm.	44.1	9'3	
4563	69 74, 90 45	Berlin, Romberg	Santini, 1884	3.95	7 <sup>m</sup> 2	
4564	88 25	Berlin, Becker	Cordoba G. C. 22986	18.10	56.0	{ A.N. 101 A.R. 0 <sup>s</sup> .09 grösser, $\delta$ 0 <sup>m</sup> .8 südlicher. v. Kuffner'sche Zone 62, 41 <sup>s</sup> .87, 54 <sup>m</sup> .9; 8 <sup>m</sup> .9.
4565	102 297, 101 345	Berlin, Leman	M <sub>1</sub> 13290	41.77	56.0	
4566	73 63	Königsberg, Lorek	Santini, 1886	47.55	25.8	
4567	69 381	Leiden, Kam u. v. [Hennekeler]	B. D. 3076	0.9	42'7	Berl. A. G. C. B. 5788, 0 <sup>s</sup> .10, 20 <sup>m</sup> .3; 7 <sup>m</sup> .3.
4568	69 74	Berlin, Romberg	Cordoba G. C. 23008	27.69	7 <sup>m</sup> 0	
4569	105 183	Königsberg	Weisse, 1609-10, B.Z. 295 [u. 427]	0.22	21.3	
4570	88 25	Berlin, Becker	Cordoba Z. Cat. 3789	4.36	27.6	
4571	109 382	Pulkowa, Romberg	B. D. 1907	44.3	33'0	30 Ophinchī E.B. — 0 <sup>s</sup> .0051 — 0 <sup>m</sup> .071 } nach Gr. 10 Y. C. 29 Ophinchī E.B. — 0.0051 + 0.004 }
4572	69 74	Berlin, Romberg	Schjellerup 6050	27.93	59 <sup>m</sup> 0	
4573	111 179	Berlin, Knorre	Greenw. 10 Year Cat. 2649	32.56	59.3	
4574	79 107	Washington	Cordoba G. C. 23058	42.86	12.2	
4575	69 74	Berlin, Romberg	Schjellerup 6067	26.52	23.4	
4576	94 309	Berlin, Tietjen	Cordoba G. C. 23103	54.14	42.9	
4577	109 382	Pulkowa, Romberg	Cambr. (M.) A. G. C. 5132	14.30	39.3	
4578	112 374	Albany, Egbert	B. D. 4435	31.6	58'4	
4579	94 309	Berlin, Tietjen	Cordoba G. C. 23125	47.71	23 <sup>m</sup> 1	
4580	110 203	Cap	Cordoba G. C. 23128	56.75	30.6	
4581	73 63	Königsberg, Lorek	Santini, 1893	20.20	6.7	Siehe Noten.
4582	73 63	Königsberg, Lorek	Cordoba G. C. 23157	22.47	26.1	
4583	70 295, 71 175	Leipzig, Engelmann	Pulk. Cat. 1875.0 3732	48.26	51.2	Σ 2120 seq. bor. maj.
4584	111 179	Berlin, Knorre	B. B. VI p. 357 Nr. 104	6.32	3.2	
4585	88 289, 90 126	Washington	Cordoba Z. Cat. 47	36.55	14.8	
4586	90 195	Washington	Cordoba Z. Cat. 65	51.04	33.7	
4587	111 179	Berlin, Knorre	Argel.-Weiss 13092	8.72	2.8	
4588	69 74	Berlin, Romberg	Schjellerup 6105-6	25.77	42.7	
4589	111 55	Hamburg, Schrader	Cordoba G. C. 23239	53.40	29.1	
4590	102 297	Berlin, Leman	Greenw. 10 Year Cat. 2680	53.33	30.2	
4591	111 179	Berlin, Knorre	Cordoba G. C. 23240	53.68	32.0	A. N. um + 1 <sup>m</sup> corrigirt. Siehe Noten.
4592	105 183	Königsberg	B. B. VI 3238	12.06	14.4	
4593	111 125	Cordoba	Gill-Kapteyn Phot. D. M.	19.4	40'7	
4594	111 179	Berlin, Knorre	Cordoba G. C. 23264	57.51	59 <sup>m</sup> 0	
4595	112 373	Albany, Egbert	B. D. 4510	22.4	57'0	
4596	110 203	Cap	Gill-Kapteyn Phot. D. M.	42.9	41.5	
4597	102 299	Berlin, Leman	Argel.-Weiss 13150	50.66	11 <sup>m</sup> 0	
4598	88 25	Berlin, Becker	Leander D. M. 5044	51.1	29'6	
4599	109 382	Pulkowa, Romberg	Cambr. (M.) A. G. C. 5168	6.34	44 <sup>m</sup> 9	
4600	111 179	Berlin, Knorre	Argel.-Weiss 13164	54.29	5.7	

NUM- MER.	NUMMER der nördl. u. süd. Bonner Durchmusterung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
4601	— 12° 4625	8.7	9-10	10	76.53	75.0	17h 5m 54.62	1	+ 3.3630	+0.0066	—0.007	—12° 36' 30" 0	1	4" 689	+0" 479	+ 0.06
4602	.....	...	8.5	9	75.46	80.0	6 3.05	2	3.6335	+0.0087	—0.012	—23 20 57.9	2	4.677	0.517	0.07
4603	— 10 4456	8.5	....	8-9	81.53	80.0	6 5.71	3	3.3139	+0.0062	—0.006	—10 31 55.5	3	4.673	0.472	0.06
4604	» »	»	....	8	85.56	85.0	5.77	2	»	»	»	56.6	2	»	»	»
4605	» »	»	8.9	8.7	81.50	81.0	5.83	2	»	»	»	52.6	2	»	»	»
4606	— 22 4305	9.2	9	...	75.48	80.0	6 20.98	1	3.6071	+0.0084	—0.012	—22 21 18.3	1	4.652	0.514	0.06
4607	— 9 4519	7.3	....	8	85.6	85.0	6 46.86	3	3.2814	+0.0060	—0.006	— 9 7 59.7	3	4.615	0.468	0.06
4608	+ 33 2849	8.6	....	8.6	65.51	65.0	6 50.22	1	2.2244	+0.0032	—0.001	+33 5 23.7	1	4.610	0.318	0.02
4609	— 12 4692	9.2	....	...	66.46	66.0	7 14.32	2	3.3559	+0.0064	—0.006	—12 17 27.2	2	4.576	0.478	0.06
4610	+ 33 2845	8.5	....	8.5	65.49	65.0	8 27.23	2	2.2235	+0.0031	—0.001	+33 4 23.9	2	4.472	0.318	0.02
4611	— 15 4497	9.4	10	...	74.48	70.0	8 47.39	2	3.4223	+0.0067	—0.008	—15 1 47.2	2	4.444	0.489	0.05
4612	.....	...	10	9.5	84.6	84.0	9 5.40	3	4.0408	+0.0122	—0.021	—36 36 7.9	3	4.418	0.577	0.09
4613	.....	...	9	...	84.6	84.0	5.55	3	»	»	»	3.6	3	»	»	»
4614	+ 39 3091	7.2	....	6.5	65.54	65.0	9 15.48	1	2.0110	+0.0035	—0.001	+39 7 58.2	1	4.404	0.288	0.02
4615	— 22 4311	8.8	8.9	8-9	80.38	80.0	9 28.21	2	3.6080	+0.0081	—0.011	—22 19 38.9	2	4.386	0.515	0.06
4616	— 7 4415	9.0	....	9.2	85.53	85.0	9 30.60	2	3.2353	+0.0055	—0.006	— 7 7 18.8	2	4.382	0.462	0.05
4617	.....	...	....	9	65.39	65.0	9 30.82	2	3.6716	+0.0086	—0.013	—24 40 25.4	2	4.382	0.524	0.06
4618	— 10 4464	8.3	....	8.0	81.52	80.0	10 2.68	2	3.3203	+0.0060	—0.006	—10 45 28.7	2	4.337	0.475	0.05
4619	.....	...	....	6.1	77.42	75.0	10 27.00	4	3.9814	+0.0113	—0.020	—34 50 51.1	4	4.302	0.569	0.08
4620	— 10 4467	8.6	8.5	9	81.54	81.0	10 32.18	2	3.3193	+0.0059	—0.006	—10 42 41.3	2	4.295	0.475	0.05
4621	— 20 4710	8.7	9.0	...	83.47	80.0	11 5.18	1	3.5652	+0.0075	—0.011	—20 40 8.5	1	4.248	0.510	0.05
4622	+ 39 3096	8.8	....	8.5	74.48	74.0	11 59.96	2	2.0022	+0.0035	—0.001	+39 17 29.5	2	4.169	0.287	0.02
4623	+ 39 3097	8.7	....	8.8	74.49	74.0	12 11.45	1	1.9949	+0.0035	—0.001	+39 28 35.8	1	4.153	0.286	0.02
4624	— 21 4576	9.2	....	9-10	83.49	80.0	12 28.17	1	3.5793	+0.0075	—0.011	—21 11 6.3	1	4.130	0.513	0.06
4625	.....	...	....	9½	84.63	84.0	12 28.48	2	4.0402	+0.0115	—0.021	—36 29 45.1	2	4.129	0.578	0.08
4626	— 20 4731	5.0	5.0	5.0	83.47	80.0	13 30.97	1	3.5743	+0.0073	—0.011	—20 58 38.7	1	4.040	0.512	0.06
4627	.....	...	....	8½	70.40	70.0	13 45.04	1	+ 3.7169	+0.0084	—0.014	—26 12 26.5	1	4.020	+0.533	0.07
4628	+ 70 917	8.8	9.4	9.0	66.91	66.0	13 57.90	1	— 0.6365	+0.0299	0.000	+70 32 41.2	1	4.001	—0.089	0.07
4629	.....	...	8.5	8½	75.44	80.0	14 30.75	2	+ 3.6407	+0.0077	—0.012	—23 26 51.4	2	3.954	+0.522	0.06
4630	+ 38 2911	9.4	....	...	66.53	66.0	14 35.79	2	2.0194	+0.0034	—0.001	+38 46 17.5	2	3.947	0.290	0.02
4631	— 17 4788	8.2	8	8	66.56	65.0	14 47.03	2	3.4754	+0.0065	—0.009	—17 5 37.2	2	3.931	0.499	0.05
4632	— 17 4789	8.0	7.8	7-8	66.53	65.0	15 7.55	1	3.4786	+0.0065	—0.009	—17 12 55.3	1	3.901	0.499	0.05
4633	.....	...	....	7.0	77.42	75.0	15 28.78	4	3.6832	+0.0078	—0.014	—24 58 28.8	4	3.871	0.529	0.06
4634	— 19 4617	7.8	8	8½	65.48	65.0	15 54.29	2	3.5325	+0.0067	—0.010	—19 19 35.2	2	3.835	0.507	0.05
4635	— 21 4594	8.2	8	8	75.46	80.0	16 7.37	2	3.5917	+0.0071	—0.011	—21 35 36.4	2	3.816	0.516	0.06
4636	» »	»	8.0	8-9	83.49	80.0	7.37	1	»	»	»	38.1	1	»	»	»
4637	— 10 4484	8.9	....	9	68.40	68.0	16 15.43	2	3.3105	+0.0054	—0.007	—10 17 6.3	2	3.804	0.476	0.04
4638	— 21 4595	8.8	8.9	8-9	83.47	80.0	16 19.04	1	3.5899	+0.0071	—0.011	—21 31 14.1	1	3.799	0.516	0.06
4639	» »	»	8.9	9.0	80.38	80.0	19.05	2	»	»	»	14.4	2	»	»	»
4640	— 21 4598	8.3	8.9	8-9	83.48	80.0	17 41.55	2	3.5973	+0.0070	—0.011	—21 46 39.5	2	3.681	0.517	0.06

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
4601	92 373	Pola, J. Palisa	M <sub>1</sub> 13655	54 <sup>s</sup> 77	8" 5	Siehe Noten.
4602	88 25, 90 195	Berlin, Becker	Cordoba Z. C. 401	3.06	58.7	
4603	111 55	Hamburg, Schrader	Santini, 1906	5.96	53.3	
4604	112 373	Albany, Egbert	M <sub>1</sub> 13662	5.87	54.4	
4605	102 299, 111 224	Berlin, Leman	Schjellerup 6141	5.76	52.3	
4606	88 25	Berlin, Becker	B. D. 4305	20.7	21' 5	
4607	112 370	Harrow, Tupman	Schjellerup 6146	46.73	57" 9	
4608	69 74	Berlin, Romberg	Leiden, A. G. Z. 63, 64	50.08	21.0	
4609	69 379	Leiden, v. Hennekeler	B. D. 4692	15.0	17' 7	
4610	69 74	Berlin, Romberg	Leiden, A. G. Z. 63, 64	27.15	21" 9	
4611	86 213	Berlin, Becker	B. D. 4697	47.1	1' 9	A. N. 111 A. R. 0 <sup>s</sup> .06 kleiner. Decl. 1" 5 südlicher.
4612	111 125	Cordoba	Gill-Kapteyn Phot. D. M.	5.4	36.1	
4613	110 203	Cap	.....	.....	.....	
4614	69 74	Berlin, Romberg	Lund A. G. Z. 236 u. 239	15.58	55" 8	
4615	98 247	Berlin, Küstner	Argel.-Weiss 13212	28.11	34.3	
4616	112 373	Albany, Egbert	M <sub>2</sub> 6498	30.42	19.5	
4617	67 25	Leiden, Kam u. v. [Hennekeler]	Cordoba Z. C. 633	30.77	23 2	
4618	111 55, 102 288	Hamburg, Schrader	M <sub>2</sub> 6504	2.53	29.2	
4619	92 373	Pola, J. Palisa	Cordoba G. C. 23422	26.56	48.7	
4620	102 299	Berlin, Leman	M <sub>1</sub> 13747	32.21	40.5	
4621	111 179	Berlin, Knorre	B. D. 4710	6.1	39' 2	A. N. um — 1 <sup>m</sup> corrigirt nach A. N. 89 24
4622	86 317, 89 36	Leiden, Valentiner	Lund A. G. Z. 33, 251, 253	59.87	30" 0	
4623	86 317	Leiden, Valentiner	Lund A. G. Z. 245	11.60	35.4	
4624	111 179	Berlin, Knorre	A. N. 82 109, Mikr. Anschluss	27.92	0.9	
4625	111 13	Washingt., Eastman	Cordoba Z. C. 850	28.41	42.9	
4626	111 179	Berlin, Knorre	Pulkowa Cat. 1875.0 3776	30.76	36.8	
4627	81 73	Berlin	Cordoba Z. C. 934	45.02	30.6	
4628	69 102	Leipzig	B. B. VI 917	58.75	43.5	
4629	88 25 u. 289, 90 195	Berlin, Becker	Cordoba G. C. 23506	30.72	50.1	
4630	69 381	Leiden, Kam u. v. [Hennekeler]	B. D. 2911	34 8	46' 4	
4631	69 74	Berlin, Romberg	Argel.-Weiss 13294	47.00	37" 0	Scheinb. Aeq. 19, 20 Aug. 1884. Red — 3 <sup>s</sup> .766 — 0."40. ξ Ophiuchi E. B. } +0 <sup>s</sup> .0165 — 0" 201 n. Pulk. [S. 412 } +0.0176 — 0.205 » Stump A. N. 125 } +0.016 — 0.20 » Porter Pr. M. Nr. 984
4632	69 74	Berlin, Romberg	Argel.-Weiss 13300	7.41	53.5	
4633	92 373	Pola, J. Palisa	Cordoba G. C. 23529	28.71	28.9	
4634	69 74	Berlin, Romberg	Cordoba G. C. 23545	54.08	35.3	
4635	88 25	Berlin, Becker	Argel.-Weiss 13311	7.28	32.4	
4636	111 179	Berlin, Knorre	Wash. Mural Z. 256, 264 [u. 265]	6.90	33.9	
4637	78 293	Leiden, Kam	Weisse, 257 B. Z. 256	15.67	9.4	
4638	111 179	Berlin, Knorre	Argel.-Weiss 13315	19.10	10.8	
4639	98 247, 91 88	Berlin, Küstner	Wash. Mural Z. 256, 264 [u. 265]	18.75	13.9	
4640	111 179	Berlin, Knorre	Argel.-Weiss 13337	41.31	34.1	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
4641	— 15° 4547	8.8	8.9	8-9	74.46	70.0	17h 18m 31s 98	2	+ 3.4282	+0.0058	-0.009	-15° 8' 46" 0	2	3" 609	+0" 493	+0" 04
4642	— 21 4607	7.5	7	7½	80.38	80.0	19 13.63	2	3.5868	+0.0067	-0.011	-21 21 24.3	2	3.549	0.516	0.06
4643	— 6 4592	7.0	....	6.9	85.53	85.0	19 16.44	2	3.2214	+0.0048	-0.006	- 6 28 7.2	2	3.545	0.464	0.04
4644	— 5 4444	8.9	....	...	85.53	85.0	19 27.68	2	3.1945	+0.0046	-0.006	- 5 18 21.4	2	3.529	0.460	0.04
4645	.....	...	9½	9.4	84.6	84.0	19 37.94	2	4.0370	+0.0100	-0.022	-36 14 23.6	2	3.514	0.581	0.06
4646	.. .....	...	9	9	75.44	80.0	21 16.40	2	3.6408	+0.0068	-0.012	-23 20 8.2	2	3.373	0.525	0.05
4647	.. .....	...	9-10	8½	75.49	75.0	16.48	1	"	"	"	8.5	1	"	"	"
4648	— 9 4556	8.0	....	8½	77.4	77.0	21 37.07	..	3.2903	+0.0049	-0.007	- 9 23 37.9	..	3.343	0.475	0.04
4649	— 5 4449	8.5	....	9	85.54	85.0	22 2.31	2	3.2000	+0.0044	-0.006	- 5 32 3.9	2	3.307	0.462	0.04
4650	+ 17 3248	9.3	....	...	81.5	80.0	22 43.01	4	2.6533	+0.0040	-0.002	+17 36 56.1	4	3.248	0.383	0.02
4651	.....	...	11	...	77.42	75.0	23 2.21	1	2.8398	+0.0033	-0.003	+ 9 59 29.2	1	3.220	0.410	0.05
4652	.....	...	....	9.8	77.42	75.0	23 18.68	3	4.2228	+0.0107	-0.028	-41 4 44.9	3	3.197	0.609	0.07
4653	+ 6 3438	9.4	9	...	75.43	80.0	24 49.31	2	2.9126	+0.0034	-0.003	+ 6 53 29.8	2	3.066	0.421	0.05
4654	— 9 4564	8.9	....	8.7	77.4	77.0	24 51.90	..	3.3025	+0.0047	-0.007	- 9 53 3.2	..	3.062	0.477	0.05
4655	.....	...	9.5	...	75.43	80.0	26 4.31	2	2.9124	+0.0034	-0.003	+ 6 53 36.2	3	2.958	0.421	0.05
4656	+ 14 3267	9.5	9	...	77.41	75.0	26 8.35	2	2.7306	+0.0030	-0.002	+14 29 4.2	2	2.952	0.395	0.02
4657	+ 10 3238	8.9	8	10	77.42	75.0	27 8.17	1	2.8388	+0.0032	-0.003	+10 0 23.6	1	2.864	0.411	0.05
4658	.....	...	8½	9½	84.6	84.0	28 45.47	2	4.0375	+0.0080	-0.022	-36 4 53.3	2	2.725	0.585	0.05
4659	— 22 4378	8.8	....	8.5	66.4	66.0	28 56.62	3	3.6171	+0.0056	-0.012	-22 21 33.6	3	2.709	0.524	0.04
4660	— 9 4578	8.9	....	9	77.5	77.0	29 29.15	..	3.2986	+0.0043	-0.007	- 9 41' 9	..	2.662	0.478	0.05
4661	.....	...	....	...	74.48	74.0	29 48.77	1	2.0389	+0.0030	-0.001	+37 56 27.6	1	2.634	0.296	0.02
4662	+ 6 3470	8.2	8.5	8.5	75.43	80.0	31 9.26	2	2.9206	+0.0032	-0.003	+ 6 31 16.4	2	2.517	0.424	0.02
4663	+ 50 2430	9.5	9-10	...	84.43	83.0	31 23.10	3	1.4661	+0.0044	-0.003	+50 26 46.1	3	2.497	0.213	0.01
4664	+ 20 3527	7.5	7.8	7.5	81.54	81.0	31 41.62	3	2.5805	+0.0028	-0.002	+20 20 9.1	3	2.471	0.375	0.01
4665	+ 20 3529	9.2	9.2	9.2	80.38	80.0	31 51.03	2	2.5818	+0.0028	-0.002	+20 17 9.5	2	2.457	0.375	0.01
4666	— 9 4585	9.1	9	...	78.55	75.0	32 12.53	1	3.3034	+0.0041	-0.007	- 9 52 46.3	1	2.426	0.479	0.05
4667	— 9 4586	9.7	9	...	78.55	75.0	32 16.44	1	3.3027	+0.0041	-0.007	- 9 51 0.6	1	2.420	0.479	0.05
4668	.....	...	9	9	84.6	84.0	32 25.10	2	4.0319	+0.0072	-0.023	-35 52 4.8	2	2.408	0.585	0.04
4669	+ 33 2924	8.4	....	...	65.50	65.0	33 51.35	2	2.1918	+0.0028	-0.001	+33 32 20.1	2	2.283	0.318	0.01
4670	+ 50 2440	8.5	8.4	8.2	86.34	86.0	34 27.49	1	1.4574	+0.0042	-0.003	+50 33 11.5	1	2.230	0.212	0.01
4671	+ 15 3241	9.3	....	9.3	81.5	80.0	34 39.62	2	2.6987	+0.0028	-0.002	+15 42 1.7	2	2.213	0.392	0.02
4672	— 22 4397	8.6	....	9.0	66.4	66.0	35 8.21	4	3.6174	+0.0048	-0.013	-22 18 11.9	4	2.171	0.525	0.05
4673	.....	...	9	8½	80.58	80.0	35 31.18	2	3.7548	+0.0053	-0.016	-27 10 44.9	2	2.138	0.545	0.05
4674	.....	...	9	9	80.58	80.0	36 23.58	3	3.7615	+0.0052	-0.016	-27 23 54.7	3	2.062	0.546	0.05
4675	+ 26 3066	7.9	8	7.7	77.40	75.0	37 37.25	1	2.4056	+0.0026	-0.001	+26 36 40.2	1	1.955	0.350	0.01
4676	+ 36 2926	8.8	....	8.6	66.54	66.0	37 46.11	2	2.0502	+0.0028	-0.001	+36 25 36.2	2	1.942	0.304	0.01
4677	— 7 4692	8.5	8.9	9	65.52	65.0	37 47.47	2	3.2545	+0.0035	-0.007	- 7 47 55.5	2	1.940	0.473	0.02
4678	.....	...	9.5	8½	75.43	80.0	38 41.14	2	3.7666	+0.0049	-0.016	-27 32 53.9	2	1.862	0.548	0.05
4679	— 2 4443	7.3	....	7.3	81.5	81.0	38 41.47	1	3.1352	+0.0032	-0.005	- 2 42 25.6	1	1.862	0.456	0.01
4680	+ 50 2449	6.8	8.0	7.4	86.34	86.0	38 44.86	1	1.4548	+0.0040	-0.003	+50 32 43.4	1	1.857	0.212	0.01

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4641	86 213	Berlin, Becker	Argel-Weiss 13352	31 <sup>h</sup> 95	43 <sup>m</sup> 1	Nach Cord. Cat. Crimson.
4642	98 247	Berlin, Küstner	Cordoba G. C. 23623	13.59	24.3	
4643	112 371 u. 373	Albany, Egbert	Cordoba G. C. 23625	16.45	6.0	
4644	112 371 u. 373	Albany, Egbert	B. D. 4444	28.2	18' 5	
4645	110 203	Cap	Gill-Kapteyn Phot. D. M.	38.4	14.2	
4646	88 25 u. 289, 90 195	Berlin, Becker	Argel-Weiss 13388	16.60	3 <sup>m</sup> 4	
4647	92 273	Pola, J. Palisa	Cordoba G. C. 23671	16.37	6.4	
4648	90 365	Strassburg, Schur	Cordoba G. C. 23678	37.18	39.9	
4649	112 371 u. 374	Albany, Egbert	M <sub>1</sub> 14052	2.39	4.2	
4650	105 355	Dorpat	B. D. 3248	43.7	36' 9	
4651	92 373	Pola, J. Palisa	A. N. 92 377, Mikr. Anschl.	2.12	27 <sup>m</sup> 8	Siehe Noten.
4652	92 373	Pola, J. Palisa	Gill-Kapteyn Phot. D. M.	19.9	4' 9	
4653	88 25	Berlin, Becker	B. D. 3438	49.2	54.5	
4654	90 365	Strassburg, Schur	Schjellerup 6266	51.74	3 <sup>m</sup> 2	
4655	88 25	Berlin, Becker	.....	.....	.....	
4656	92 373	Pola, J. Palisa	B. D. 3267	9.8	28' 8	
4657	92 373	Pola, J. Palisa	M <sub>1</sub> 14218	7.94	24 <sup>m</sup> 4	
4658	110 203	Cap	Cordoba G. C. 23852	45.26	55.0	
4659	73 63	Königsberg, Lorek	B. B. VI p. 358 Nr. 65	56.38	27.6	
4660	90 365	Strassburg, Schur	M <sub>1</sub> 14301	29.36	38.7	
4661	86 317, 89 36	Leiden, Valentiner	Leiden, Mikrom. Anschluss	46.4	56' 9	A.N. 86 um + 10' corrigirt nach A.N. 89 24. A.N. 89 36 [ist richtig]
4662	88 25	Berlin, Becker	Schjellerup 6306-7	9.28	16 <sup>m</sup> 9	
4663	109 382	Pulkowa, Romberg	B. D. 2430	23.7	26' 6	
4664	102 299	Berlin, Leman	Armagh Cat. II 2080	41.70	7 <sup>m</sup> 9	
4665	98 247	Berlin, Küstner	B. B. VI 3529	51.16	13.7	
4666	93 201, 94 205	Pola, J. Palisa	B. D. 4585	12.7	53' 0	
4667	98 201	Pola, J. Palisa	B. D. 4586	17.0	50.9	
4668	110 203	Cap	Cordoba Z. C. 2208	24.94	4 <sup>m</sup> 1	
4669	69 74	Berlin, Romberg	Leiden A.G.Z. 68, 70	51.38	18.3	
4670	Public. XVIII der A.G.	Pulkowa, Romberg	Cambr. (M.) A. G. C. 5306	27.52	12.4	
4671	105 355	Dorpat	B. B. VI 3241	39.59	6.6	Wash. Mer. C. Zones 127, Nr. 13, 7 <sup>h</sup> 78, 6 <sup>m</sup> 7; 10 <sup>m</sup> .
4672	73 63	Königsberg, Lorek	Argel-Weiss 13578	8.11	6.0	
4673	98 141	Pola, J. Palisa	Cordoba G. C. 24018	31.10	46.7	
4674	98 141	Pola, J. Palisa	Cordoba Z. C. 2492	23.52	52.7	
4675	92 373	Pola, J. Palisa	Pulkowa Cat. 1875.0, 3843	37.28	42.0	
4676	69 381	Leiden, Kam u. v. [Hennekeler]	Lund A. G. Z. 248 u. 255	46.02	35.8	
4677	69 74	Berlin, Romberg	M <sub>1</sub> 14571	47.28	58.1	
4678	88 25	Berlin, Becker	Cordoba D.M. — 27°. 11915	42.4	32' 7	
4679	102 294	Königsberg, Rahts	Karlsruhe Beob. II, p. 197	41.42	26 <sup>m</sup> 7	
4680	Public. XVIII der A.G.	Pulkowa, Romberg	Cambr. (M.) A. G. C. 5325	44.94	43.2	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied
		B. D.	A. N.	Quelle.	Beob.	Pos.										
4681	+ 16°3266	8.9	9.0	9	72.57	73.0	17 <sup>h</sup> 38 <sup>m</sup> 45 <sup>s</sup> 53	1	+ 2 <sup>s</sup> 6890	+0 <sup>s</sup> 0027	-0 <sup>s</sup> 002	+16° 3' 40".4	1	1"856	+0"391	+ 0"0
4682	- 3 4168	7.6	....	7.6	69.65	70.0	38 59.86	2	3.1525	+0.0032	-0.006	- 3 27 2.1	2	1.835	0.459	0.02
4683	+ 5 3478	7.8	....	8	82.56	82.0	39 26.25	5	2.9378	+0.0029	-0.004	+ 5 46 8.2	14	1.796	0.428	0.01
4684	.....	...	6	Var.	80.58	80.0	39 41.60	3	3.7738	+0.0048	-0.016	-27 46 51.9	3	1.775	0.549	0.03
4685	+ 36 2932	9.5	....	...	66.54	66.0	39 47.65	2	2.0897	+0.0028	-0.001	+36 25 9.3	2	1.766	0.304	0.01
4686	+ 5 3482	7.8	....	7.8	82.56	82.0	39 49.59	5	2.9382	+0.0028	-0.004	+ 5 44 47.7	12	1.763	0.428	0.01
4687	.....	...	8	8.6	84.6	84.0	39 54.35	2	4.0218	+0.0057	-0.023	-35 29 20.1	2	1.756	0.585	0.03
4688	- 2 4446	7.5	....	8	81.5	81.0	40 0.50	1	3.1375	+0.0031	-0.006	- 2 48 23.1	1	1.747	0.457	0.02
4689	.....	...	....	8½	68.51	65.0	40 1.42	1	3.6973	+0.0045	-0.014	-25 8 24.2	1	1.746	0.538	0.02
4690	+ 5 3484	7.7	....	7-8	82.56	82.0	40 3.36	5	2.9391	+0.0028	-0.004	+ 5 42 35.0	14	1.743	0.428	0.01
4691	+ 49 2682	8.3	8	8.6	84.43	83.0	40 22.26	3	1.4884	+0.0038	-0.003	+49 56 3.6	3	1.716	0.217	0.01
4692	+ 5 3490	7.1	....	7-8	82.56	82.0	40 33.81	5	2.9363	+0.0028	-0.004	+ 5 49 26.8	12	1.699	0.427	0.01
4693	+ 5 3494	8.4	....	8	82.56	82.0	40 54.73	5	2.9383	+0.0028	-0.004	+ 5 44 26.5	13	1.668	0.428	0.01
4694	- 3 4177	8.5	8.6	8	71.53	71.0	41 7.73	3	3.1560	+0.0031	-0.006	- 3 35 46.3	3	1.649	0.459	0.01
4695	» » »	»	....	9	73.45	73.0	7.86	2	»	»	»	46.2	2	»	»	»
4696	+ 53 1978	5.7	....	4.0	73.52	73.0	41 22.80	3	1.2479	+0.0043	-0.004	+53 51 17.0	8	1.628	0.182	0.01
4697	+ 38 2997	6.0	6.0	6.2	64.60	65.0	41 43.97	2	1.9957	+0.0028	-0.001	+38 55 54.7	2	1.597	0.291	0.01
4698	+ 18 3468	8.7	9.0	9	73.53	73.0	42 29.98	1	+ 2.6281	+0.0025	-0.002	+18 25 35.1	1	1.530	+0.383	0.01
4699	+ 76 657	8.6	....	9	64.57	65.0	43 1.69	2	- 2.3825	+0.0283	+0.090	+76 15 52.7	2	1.484	-0.346	0.09
4700	.....	..	8½	7½	84.6	84.0	43 29.00	..	+ 4.0174	+0.0049	-0.022	-35 19 40.6	..	1.444	+0.585	0.03
4701	.....	...	10.7	10	68.45	68.0	43 33.23	1	3.7422	+0.0041	-0.015	-26 40 33.9	1	1.438	0.545	0.02
4702	.....	...	8	8½	80.56	80.0	44 16.21	1	3.7939	+0.0041	-0.017	-28 24 56.0	1	1.375	0.553	0.03
4703	.....	...	8	8½	80.60	80.0	44 19.58	2	3.7948	+0.0041	-0.017	-28 26 37.5	2	1.370	0.553	0.03
4704	- 2 4469	9.0	....	9	81.5	81.0	44 28.04	2	3.1379	+0.0028	-0.006	- 2 49 11.8	2	1.358	0.457	0.02
4705	- 6 4669	8.3	8.9	8.3	80.38	80.0	44 59.97	2	3.2178	+0.0029	-0.006	- 6 13 30.9	2	1.312	0.469	0.01
4706	.....	...	8.5	9	80.56	75.0	45 44.41	3	3.8065	+0.0039	-0.017	-28 49 20.2	3	1.247	0.555	0.02
4707	- 2 4479	8.5	....	8.5	81.5	81.0	45 46.69	2	3.1419	+0.0028	-0.006	- 2 59 24.1	2	1.244	0.458	0.02
4708	- 3 4190	9.5	9.2	..	71.52	71.0	45 55.25	1	3.1546	+0.0028	-0.006	- 3 31 47.7	1	1.231	0.460	0.02
4709	- 6 4672	6.0	7	6.7	81.56	81.0	45 56.75	3	3.2151	+0.0029	-0.006	- 6 6 38.3	3	1.229	0.469	0.02
4710	+ 35 3079	8.0	8	8.0	64.62	65.0	45 57.87	1	2.1212	+0.0026	-0.001	+35 28 23.5	1	1.227	0.309	0.01
4711	+ 35 3083	8.0	8	8.2	65.51	65.0	46 7.60	1	2.1230	+0.0026	-0.001	+35 25 28.7	1	1.213	0.310	0.01
4712	- 7 4517	7.5	8	8.3	65.50	65.0	46 11.95	2	3.2569	+0.0029	-0.007	- 7 52 40.2	2	1.207	0.475	0.01
4713	.....	...	9½	9	84.6	84.0	46 12.76	3	4.0231	+0.0043	-0.022	-35 28 13.8	3	1.206	0.586	0.02
4714	- 3 4193	7.3	8.2	7	71.54	71.0	46 13.05	2	3.1546	+0.0028	-0.006	- 3 31 55.6	2	1.205	0.460	0.02
4715	» » »	»	....	7.3	73.45	73.0	13.21	2	»	»	»	56.1	2	»	»	»
4716	+ 35 3085	8.4	8.9	8.5	65.53	65.0	46 28.89	2	2.1245	+0.0026	-0.001	+35 22 43.3	2	1.182	0.310	0.01
4717	- 17 4946	8.2	....	8	65.6	65.0	46 42.47	..	3.4901	+0.0032	-0.010	-17 22 57.8	..	1.163	0.509	0.01
4718	.....	...	6.7	6.0	80.58	80.0	48 48.45	3	3.7835	+0.0034	-0.017	-28 2 33.9	3	0.979	0.552	0.02
4719	.....	...	8.5	9	75.42	80.0	49 28.00	2	3.6945	+0.0031	-0.014	-24 58 49.2	2	0.921	0.539	0.01
4720	- 19 4770	9.3	9.2	...	73.54	70.0	49 50.77	5	3.5330	+0.0029	-0.011	-19 2 0.5	5	0.888	0.515	0.01

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4681	88 136	Wien, Holetschek	Weisse, 1241-2, B. Z. 286	45 <sup>s</sup> 62	44"2	A. N. um — 1 <sup>s</sup> corrigirt. Glasg. I 4379 26 <sup>s</sup> .12, 6"6; 8m. X Sagittarii. [Siehe Noten.
4682	81 73	Berlin, Tietjen	Karlsruhe Beob. II, p. 197	59.87	2.7	
4683	105 61	Pulkowa, Wagner	M <sub>1</sub> 14623	26.26	9.3	
4684	98 141	[u. Romberg Pola, J. Palisa	Cordoba G. C. 24120	41.50	50.9	
4685	69 381	Leiden, Kam u. v.	B. D. 2932	46.7	26'0	
4686	105 61	[Hennekeler Pulkowa, Wagner u.	Pulkowa Obs. Vol. VIII	49.63	48"3	Karlsruhe Beob. II p. 197, 0 <sup>s</sup> .44, 32"6; 7m.5. A. N. 72 um + 4 <sup>s</sup> corrigirt nach A. N. 74 197. S. Not.
4687	110 203	Cap [Romberg	[p. 344, Nr. 1029 Gill-Kapteyn Phot. D. M.	54.5	29'3	
4688	102 294	Königsberg, Rahts	Schjellerup 6379	0.14	30"4	
4689	72 114, 74 191	Berlin, Romberg	Cordoba Z. Cat. 2711	1.20	23.4	
4690	105 61	Pulkowa, Wagner u. [Romberg	Glasgow Cat. I 4382	3.14	34.3	
4691	109 382	Pulkowa, Romberg	Cambr. (M.) A. G. C. 5333	22.24	3.8	Bonn A. G. C. 11390, 22 <sup>s</sup> .03, 3"8; 8m.5. Glasgow Cat. II 1554, 54 <sup>s</sup> 68, 25"5; 8m.
4692	105 61	Pulkowa, Wagner u. [Romberg	Glasgow Cat. I 4385	33.73	27.1	
4693	105 61	Pulk., Wagn. u. Romb.	Glasgow Cat. I 4386	54.39	24.7	
4694	79 76	Leipzig, Engelmann	Weisse, 794, B. Z. 258	7.87	49.3	
4695	85 201	Leiden, E. Bakh. u. [Valentiner	M <sub>1</sub> 14685	7.81	46.5	
4696	84 179 u. 180	Leipzig, Engelmann	Cambr. (M.) A. G. C. 5335	22.70	17.4	E. B. + 0 <sup>s</sup> .0029, — 0"023 nach Cambr. A. G. C. Lund A. G. Z. 423 u. 424, 44 <sup>s</sup> .08, 54"1; 6m.2.
4697	69 74	Berlin, Romberg	Greenw. 10 Year Cat. 2808	44.05	53.4	
4698	88 136	Wien, Holetschek	Weisse, 1345-46, B. Z. 297	29.92	35.6	
4699	69 74	Berlin, Romberg	[u. 298 Kasan A. G. Z. Vol. I p. 366 u.	1.84	54.6	
4700	110 203	Cap	Cordoba G. C. 24232 [368	29.07	40.3	
4701	78 367	Leipzig, Engelmann	Cordoba D. M. Bd. XVI	32.4	40'2	A. N. Decl. um + 2° corrigirt. cf. Publ. XVIII der A. G. [und die entsprechende Planeten-Beob. in A. N. S. Not.
4702	98 141	Pola, J. Palisa	Cordoba G. C. 24247	16.14	54"6	
4703	98 141	Pola, J. Palisa	Cordoba G. C. 24248	19.47	37.5	
4704	102 294	Königsberg, Rahts	Trettenero 950	27.83	13.4	
4705	98 247	Berlin, Küstner	Pulkowa Cat. 1875.0 3876	59.98	29.8	
4706	110 299	Cap	Cordoba Z. Cat. 3092	44.32	18.5	Duplex nach Lund.
4707	102 294	Königsberg, Rahts	Schjellerup 6423	46.54	22.1	
4708	79 76	Leipzig, Engelmann	B. D. 4190	55.5	31'8	
4709	102 299	Berlin, Leman	Cordoba G. C. 24286	56.57	39"4	
4710	69 74	Berlin, Romberg	Lund A. G. Z. 243 u. 250	57.91	22.7	
4711	69 74	Berlin, Romberg	Lund A. G. Z. 420 u. 421	7.54	27.6	Duplex nach Lund. Comes der Nr. 4710. Σ 3128 med. in Pulk. Genäh. E. B. — 0 <sup>s</sup> .006 — 0"025 n. Pulk. » — 0.002 — 0.23 » Porter Prop. Mot. Nr. 1009
4712	69 74	Berlin, Romberg	Pulkowa Cat. 1875.0 3881	11.84	44.8	
4713	111 125	Cordoba	Washington Trans. Zones 44	12.84	12.6	
4714	79 76	Leipzig, Engelmann	[Nr. 22 Santini, — 4° 361	13.13	58.2	
4715	85 201	Leiden, E. Bakh. u. [Valentiner	Karlsruhe Beob. Heft II	13.13	56.6	
4716	69 74	Berlin, Romberg	[p. 197 Lund A. G. Z. 243 u. 250	28.76	41.2	A. N. verb. mit Arg.. Weiss 13737, 42 <sup>s</sup> .46, 56"7; 8m.
4717	68 263	Wien	M <sub>1</sub> 14875	42.42	55.7	
4718	98 141	Pola, J. Palisa	Cordoba G. C. 24344	48.37	34.0	
4719	88 25	Berlin, Becker	Cordoba Z. C. 3343	27.93	47.8	
4720	104 197	Leipzig, Engelmann	B. D. 4769	46.7	1'7	
						Cape D. M. 17 <sup>h</sup> 49 <sup>m</sup> 45 <sup>s</sup> .8 — 19° 1'9; 9m.0. S. Noten.

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800 +											
4721	+ 13°3487	8.2	....	8.2	81.4	80.0	17h 50m 18s 98	3	+ 2s 7465	+0.0023	-0.002	+13°42' 10" 9	3	-0"847	+0"401	0"00
4722	- 17 4967	9.1	9.3	...	66.61	65.0	50 19.28	1	3.4973	+0.0028	-0.010	-17 39 6.8	1	0.847	0.510	+ 0.01
4723	.....	...	....	7.2	77.42	75.0	51 38.22	3	4.1632	+0.0034	-0.029	-39 14 1.9	3	0.732	0.607	+ 0.01
4724	- 8 4534	7.5	8	8-9	65.50	65.0	51 50.08	2	3.2720	+0.0024	-0.007	- 8 30 8.9	2	0.714	0.477	+ 0.01
4725	+ 33 2995	6.3	....	...	82.4	82.0	52 50.32	2	2.1906	+0.0024	-0.001	+33 24 58.4	2	0.627	0.319	0.00
4726	- 14 4845	8.5	....	9	67.5	67.0	53 14.09	..	3.4104	+0.0024	-0.008	-14 11 52.9	..	0.592	0.497	0.00
4727	+ 49 2712	9.2	9	...	84.43	83.0	53 15.08	2	1.5350	+0.0029	-0.002	+48 59 57.0	2	0.590	0.224	0.00
4728	+ 49 2714	8.4	8.9	8.5	84.46	83.0	53 26.14	2	1.5259	+0.0029	-0.002	+49 9 56.7	2	0.574	0.223	0.00
4729	+ 20 3621	8.7	9.0	9	73.56	73.0	53 26.69	1	2.5739	+0.0023	-0.002	+20 27 3.8	1	0.574	0.376	0.00
4730	- 3 4217	5.2	....	4.9	69.66	70.0	53 52.72	2	3.1582	+0.0023	-0.006	- 3 40 47.5	2	0.536	0.461	0.00
4731	- 23 338	7.5	8.2	7½	72.15	70.0	54 48.37	8	3.6403	+0.0023	-0.013	-23 1 34.4	8	0.454	0.531	+ 0.01
4732	- 8 4548	7.3	8	8	65.50	65.0	56 15.70	2	3.2682	+0.0021	-0.008	- 8 20 19.8	2	0.328	0.477	0.00
4733	+ 34 3100	9.5	....	...	66.54	66.0	56 22.82	2	2.1517	+0.0023	-0.001	+34 33 13.9	2	0.317	0.314	0.00
4734	- 3 4231	8.5	....	8.5	69.65	70.0	56 48.34	2	3.1593	+0.0021	-0.006	- 3 43 38.9	2	0.279	0.461	0.00
4735	+ 12 3366	8.5	....	...	81.5	80.0	57 11.57	4	2.7730	+0.0021	-0.003	+12 36 58.2	4	0.246	0.404	0.00
4736	+ 34 3102	8.0	....	...	66.53	66.0	57 13.00	2	2.1644	+0.0023	-0.001	+34 10 52.8	2	0.244	0.316	0.00
4737	- 20 4976	9.0	....	9	71.52	70.0	57 15.03	3	3.5841	+0.0020	-0.012	-20 56 57.5	3	0.241	0.523	0.00
4738	+ 12 3369	9.1	....	...	81.5	80.0	57 51.90	4	2.7675	+0.0021	-0.003	+12 50 30.3	4	0.187	0.404	0.00
4739	- 14 4884	7.5	7.8	8	65.51	65.0	59 25.10	2	3.4300	+0.0018	-0.009	-14 58 49.4	2	0.051	0.500	0.00
4740	+ 15 3354	7.8	7.5	8	72.57	73.0	59 41.54	1	2.6980	+0.0021	-0.002	+15 38 18.4	1	-0.027	0.393	0.00
4741	- 21 4865	9.1	....	9.1	.....	70.0	18 1 3.73	1	3.6030	+0.0015	-0.012	-21 39 4.8	1	+0.093	0.525	0.00
4742	+ 34 3118	9.3	....	9.3	66.54	66.0	1 19.86	2	2.1678	+0.0023	-0.001	+34 4 39.6	2	0.116	0.316	0.00
4743	- 20 5006	9.0	....	9	.....	70.0	1 30.84	1	3.5759	+0.0015	-0.012	-20 38 37.6	1	0.132	0.521	0.00
4744	+ 35 3151	9.0	9.0	8.5	83.68	80.0	1 37.52	1	2.1209	+0.0023	-0.001	+35 26 3.6	1	0.142	0.309	0.00
4745	- 4 4404	8.4	8.6	8-9	71.54	71.0	1 52.93	3	3.1683	+0.0018	-0.006	- 4 6 38.2	3	0.165	0.462	0.00
4746	» » »	....	8	.....	74.0	74.0	52.98	2	»	»	»	38.6	2	»	»	»
4747	- 21 4873	8.9	....	8.9	.....	70.0	1 54.15	1	3.5997	+0.0014	-0.012	-21 31 55.2	1	0.166	0.525	0.00
4748	- 15 4834	8.5	....	8	.....	65.0	2 0.36	3	3.4324	+0.0015	-0.009	-15 4 32.5	3	0.175	0.500	0.00
4749	+ 12 3403	8.0	....	...	81.4	80.0	3 1.54	4	2.7772	+0.0019	-0.003	+12 26 51.9	4	0.265	0.405	0.00
4750	+ 48 2639	7.9	7.8	9	.....	83.0	3 13.29	..	1.5569	+0.0024	-0.002	+48 34 52.6	..	0.282	0.227	0.00
4751	- 3 4244	8.8	....	10	81.5	81.0	3 15.09	1	3.1639	+0.0016	-0.006	- 3 55 18.4	1	0.284	0.461	0.00
4752	- 18 4832	9.0	....	8-9	73.59	73.0	5 8.54	2	3.5296	+0.0011	-0.012	-18 53 17.4	2	0.450	0.514	0.00
4753	.....	7.1	....	7	66.5	66.0	5 38.78	3	3.2440	+0.0014	-0.007	- 7 19 20.1	3	0.494	0.473	0.00
4754	- 18 4843	8.0	9	8-9	76.55	75.0	6 19.30	2	3.5173	+0.0010	-0.012	-18 25 6.7	2	0.553	0.512	0.00
4755	- 18 4845	8.2	....	8	74.48	74.0	6 32.48	1	3.5271	+0.0010	-0.012	-18 47 42.9	1	0.572	0.514	0.00
4756	+ 11 3374	8.3	....	8.9	81.5	80.0	6 35.76	4	2.8069	+0.0018	-0.003	+11 13 44.2	4	0.577	0.409	0.00
4757	+ 38 3113	6.0	....	6.0	82.5	82.0	8 54.78	2	+ 2.0005	+0.0021	-0.001	+38 44 22.9	2	0.780	+0.291	0.00
4758	+ 75 657	9.2	....	9.2	.....	65.0	9 39.84	3	- 2.0020	-0.0079	+0.068	+75 15 7.2	3	0.845	-0.292	+ 0.01
4759	+ 36 3062	8.5	....	8.6	82.5	82.0	9 45.07	2	+ 2.0964	+0.0021	-0.001	+36 9 11.4	2	0.853	+0.305	0.00
4760	+ 71 875	8.8	8.8	8.8	82.10	82.0	9 49.97	2	- 0.8180	-0.0027	+0.014	+71 3 0.0	2	0.861	-0.120	- 0.01



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N
				A.R.	Decl.	
4721	105 183	Königsberg	Armagh Cat. II 2128	18 <sup>s</sup> 79	11 <sup>m</sup> 1	M <sub>1</sub> 33051, 50 <sup>s</sup> .11, 12 <sup>m</sup> .2; 8 <sup>m</sup> . A.N. 102 A.R. 0 <sup>s</sup> .07 kleiner, $\delta$ 0 <sup>m</sup> .9 nördlicher.
4722	69 74	Berlin, Romberg	B. D. 4967	19.3	39' 2	
4723	92 373	Pola, J. Palisa	Cordoba G. C. 24421	38.32	0 <sup>m</sup> 9	
4724	69 74	Berlin, Romberg	Santini, — 8 <sup>o</sup> 349	50.17	12.7	
4725	110 195, 102 267	Albany, Tucker	Leiden A. G. Z. 68 u. 70	50.21	58.4	
4726	74 191	Berlin	M <sub>1</sub> 15105	13.50	53.1	
4727	109 382	Pulkowa, Romberg	B. D. 2712	15.7	0 <sup>m</sup> 8	
4728	109 382, 110 395	Pulkowa, Romberg	B. B. VI 2714	25.88	59 <sup>m</sup> 0	
4729	83 136	Wien, Holetschek	Weisse, 1672, B. Z. 427	26.54	58.1	
4730	81 74	Berlin, Tietjen	Cordoba G. C. 24486	52.76	47.7	
						$\zeta$ Serpentis E. B. + 0 <sup>s</sup> .0080 — 0 <sup>m</sup> .042 nach Gr. 10 Y. [Cat. 2842]
4731	104 197	Leipzig, Engelmann	Cordoba G. C. 24509	48.40	35.7	Siehe Noten.
4732	69 74	Berlin, Romberg	M <sub>1</sub> 15224	15.64	24.5	
4733	69 381	Leiden, Kam u. v. [Hennekeler]	B. D. 3100	19.9	31' 5	
4734	81 74, 111 222	Berlin, Tietjen	Küstner 500	48.32	39 <sup>m</sup> 2	
4735	105 355	Dorpat	B. D. 3366	10.6	37' 1	
4736	69 381	Leiden, Kam u. v. [Hennekeler]	Leiden A. G. Z. 72 u. 198	12.89	52 <sup>m</sup> 8	
4737	81 74	Berlin, Tietjen	Argel.-Weiss 13923	15.02	53.7	
4738	105 355	Dorpat	B. D. 3369	51.5	49' 7	
4739	69 74	Berlin, Romberg	Argel.-Weiss 13967	24.94	49 <sup>m</sup> 6	
4740	83 136	Wien, Holetschek	Weisse, 1873, B. Z. 300	41.39	25.5	
4741	81 74	Berlin	B. D. 4865	2.4	39' 0	Bonn A. G. C. 11712, 13 <sup>s</sup> .24, 54 <sup>m</sup> .0; 7 <sup>m</sup> .9.
4742	69 381	Leiden, Kam u. v. [Hennekeler]	B. D. 3118	17.6	4.5	
4743	81 74	Berlin [Hennekeler]	Argel.-Weiss 14011	31.01	35 <sup>m</sup> 2	
4744	111 179 u. 221	Berlin, Knorre	Lund A. G. Z. 256 u. 260	37.53	5.0	
4745	79 76	Leipzig, Engelmann	Weisse, 1291, B. Z. 258	52.99	41.5	
4746	86 317	Leiden, Valentiner	M <sub>1</sub> 15455	53.11	39.0	
4747	81 74	Berlin	B. D. 4873	53.8	31' 6	
4748	69 74	Berlin, Romberg	Arg.-Weiss 14025	0.40	31 <sup>m</sup> 8	
4749	105 183	Königsberg	Rümker 6252	1.30	50.2	
4750	109 382	Pulkowa, Romberg	Arg.-Oeltzen 17879	13.49	56.8	
4751	102 294	Königsberg, Rahts	M <sub>1</sub> 15514	14.98	19.0	Lund A. G. Z. 423, 424, 425, 54 <sup>s</sup> .65, 23 <sup>m</sup> .6; 5 <sup>m</sup> .3.
4752	85 201	Leiden, E. Bakhuyzen	Arg.-Weiss 14089	8.75	17.6	
4753	78 63	Königsberg, Lorek	M <sub>1</sub> 15615	38.71	20.1	
4754	91 215	Pola, J. Palisa	Arg.-Weiss 14115	19.36	8.7	
4755	86 317	Leiden, Valentiner	Arg.-Weiss 14122	32.44	43.6	
4756	105 355	Dorpat, Schwarz	M <sub>2</sub> 7173	35.48	42.8	
4757	110 195	Albany, Tucker	Pulk. Obs. Vol. VIII p. 291 [Nr. 2565]	54.77	22.8	
4758	69 74	Berlin, Romberg	Kasan A. G. Z. Vol. II p. 23 u. 26	39.48	11.5	
4759	110 195	Albany, Tucker	Lund A. G. Z. 258 u. 268	45.06	10.6	
4760	102 73	Bonn, Deichmüller	Dorpat A. G. Z. Vol. XVIII [p. (25)]	50.00	56.9	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmusterung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800	+										+
4761	+ 71° 875	8.8	9	8.5	82.07	82.0	18h 9m 50s 23	3	— 0.8180	— 0.0027	+ 0.014	.....	..	0.861	— 0.120	— 0.01
4762	+ 71 875	8.8	9.3	8.8	82.10	82.0	9 57.80	2	— 0.8132	— 0.0028	+ 0.014	+ 71° 1' 43" 0	2	0.872	— 0.119	— 0.01
4763	» »	»	9-10	...	82.07	82.0	58.32	3	»	»	»	.....	..	»	»	»
4764	.....	...	....	7½	71.6	71.0	10 10.73	..	+ 3.9981	— 0.0005	— 0.023	— 34 43 46.5	..	0.890	+ 0.582	— 0.01
4765	+ 39 3367	8.3	....	8.7	82.6	82.0	10 52.44	2	1.9576	+ 0.0021	— 0.001	+ 39 51 10.2	2	0.951	0.285	— 0.01
4766	+ 36 3067	8.3	....	8.3	82.5	82.0	10 58.83	2	2.0758	+ 0.0021	— 0.001	+ 36 43 54.5	2	0.960	0.302	— 0.01
4767	— 18 4895	8.2	....	7	73.59	73.0	11 2.72	2	3.5196	+ 0.0005	— 0.011	— 18 31 12.6	2	0.966	0.512	— 0.01
4768	— 18 4900	8.2	8	...	76.55	75.0	11 28.05	2	3.5117	+ 0.0004	— 0.011	— 18 13 4.9	2	1.003	0.511	— 0.01
4769	+ 32 3089	9.1	8.0	...	72.51	72.0	12 57.20	2	2.2113	+ 0.0020	— 0.001	+ 32 49 19.3	2	1.133	0.321	— 0.01
4770	.....	...	....	2.9	80.59	80.0	12 59.46	3	3.8392	— 0.0006	— 0.018	— 29 52 44.6	3	1.136	0.558	— 0.01
4771	.....	...	8.0	8½	72.51	72.0	13 2.54	3	3.7871	+ 0.0019	— 0.017	— 28 10 10.4	1	1.141	0.551	— 0.01
4772	.....	...	....	7½	77.42	75.0	13 10.78	3	+ 3.9139	— 0.0009	— 0.019	— 32 14 3.0	3	1.153	+ 0.569	— 0.01
4773	+ 85 294	7.5	....	7.5	77.14	75.0	13 14.62	1	— 14.5798	— 0.2300	+ 2.444	+ 85 40 33.3	1	1.159	— 2.123	— 0.01
4774	— 18 4922	9.2	....	...	74.48	74.0	13 47.40	1	+ 3.5093	+ 0.0002	— 0.011	— 18 7 59.1	1	1.206	+ 0.510	— 0.01
4775	.....	...	6.5	6.5	80.57	75.0	14 5.53	3	3.7963	— 0.0007	— 0.017	— 28 29 5.6	3	1.232	0.552	— 0.01
4776	+ 0 3921	9.3	....	9.5	73.59	73.0	14 41.45	2	3.0566	+ 0.0011	— 0.005	+ 0 40 16.1	2	1.285	0.444	— 0.01
4777	+ 10 3480	9.0	....	...	81.5	80.0	14 42.89	2	2.8166	+ 0.0015	— 0.003	+ 10 50 49.9	2	1.287	0.409	— 0.01
4778	» »	»	....	...	81.4	80.0	43.03	2	»	»	»	50.8	2	»	»	»
4779	+ 39 3382	8.4	8.4	9.1	83.68	80.0	15 3.93	1	1.9644	+ 0.0020	— 0.001	+ 39 42 18.9	1	1.317	0.285	— 0.01
4780	.....	...	....	2.2	71.6	71.0	15 52.53	..	3.9869	— 0.0017	— 0.022	— 34 26 26.5	..	1.388	0.579	— 0.01
4781	.....	...	8	7½	80.58	80.0	17 28.74	3	3.8518	— 0.0015	— 0.018	— 30 19 6.8	3	1.528	0.559	— 0.01
4782	+ 20 3760	7.3	7	8	76.52	75.0	17 36.02	1	2.5632	+ 0.0017	— 0.002	+ 20 54 8.2	1	1.538	0.372	— 0.01
4783	— 9 4719	8.9	9	...	76.59	75.0	17 53.21	1	3.2932	+ 0.0003	— 0.007	— 9 24 50.7	1	1.564	0.478	— 0.01
4784	— 20 5134	5.4	....	5.1	.....	65.0	17 54.42	2	3.5734	— 0.0005	— 0.012	— 20 36 22.0	2	1.565	0.519	— 0.01
4785	.....	...	9	9	80.58	80.0	18 16.40	3	3.8487	— 0.0006	— 0.018	— 30 13 30.4	3	1.597	0.559	— 0.01
4786	+ 10 3497	7.3	....	8	81.5	80.0	18 16.96	2	2.8158	+ 0.0014	— 0.003	+ 10 53 35.4	2	1.598	0.409	— 0.01
4787	+ 40 3351	8.4	....	8.7	82.5	82.0	18 23.03	..	1.9234	+ 0.0019	— 0.001	+ 40 45 53.7	..	1.607	0.279	— 0.01
4788	+ 10 3504	8.0	....	7	.....	80.0	18 45.44	4	2.8345	+ 0.0013	— 0.003	+ 10 7 3.5	4	1.639	0.411	— 0.01
4789	— 9 4731	8.5	9.8	9	77.02	75.0	19 8.93	2	3.2958	+ 0.0002	— 0.007	— 9 31 38.3	2	1.674	0.478	— 0.01
4790	+ 41 3040	9.1	9	9	85.57	83.0	19 34.43	2	1.8905	+ 0.0018	— 0.001	+ 41 34 38.2	2	1.711	0.274	— 0.01
4791	— 5 4657	8.0	....	8.5	66.5	66.0	19 56.73	3	3.2045	+ 0.0004	— 0.006	— 5 40 18.3	3	1.743	0.465	— 0.01
4792	+ 23 3329	8.8	....	9	.....	65.0	19 58.47	2	2.5056	+ 0.0017	— 0.001	+ 23 2 45.8	2	1.746	0.363	— 0.01
4793	+ 22 3358	7.5	....	7.5	.....	65.0	20 13.21	2	2.5169	+ 0.0017	— 0.001	+ 22 38 15.8	2	1.767	0.365	— 0.01
4794	— 6 4763	8.2	....	7	66.5	66.0	20 14.02	2	3.2195	+ 0.0004	— 0.006	— 6 18 39.4	3	1.768	0.467	— 0.01
4795	+ 42 3074	6.7	7	7	83.62	83.0	20 18.73	2	1.8562	+ 0.0018	— 0.001	+ 42 24 0.0	2	1.776	0.269	— 0.01
4796	+ 25 3520	8.0	8.3	8.2	73.68	73.0	20 25.22	1	2.4247	+ 0.0018	— 0.001	+ 25 55 55.6	1	1.784	0.351	— 0.01
4797	+ 6 3762	8.4	....	8.4	.....	78.0	20 47.28	..	2.9240	+ 0.0010	— 0.004	+ 6 21 3.4	..	1.817	0.424	— 0.01
4798	» »	»	....	8	.....	78.0	47.33	..	»	»	»	4.5	..	»	»	»
4799	+ 9 3720	8.6	....	8-9	81.4	80.0	21 42.13	2	2.8430	+ 0.0012	— 0.003	+ 9 46 26.1	2	1.896	0.412	— 0.01
4800	+ 6 3797	8.5	....	8	.....	78.0	22 17.44	..	2.9146	+ 0.0010	— 0.004	+ 6 45 23.4	..	1.948	0.422	— 0.01

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4761	102 73	Pulkowa, Wagner	A.N. 101 129, Mikr. Anschl.	49 <sup>s</sup> 33	5"2	Bloss in A. R. beob. Siehe Noten.
4762	102 73	Bonn, Deichmüller	A.N. 101 129, Mikr. Anschl.	58.09	32.8	Siehe Noten
4763	102 73	Pulkowa, Wagner	.....	.....	.....	
4764	79 108	Washington	Cordoba G. C. 24918	10.88	45.6	
4765	110 195	Albany, Tucker	Lund A. G. Z. 254 u. 265	52.53	10.0	
4766	110 195	Albany, Tucker	Lund A. G. Z. 258 u. 268	58.81	54.7	
4767	85 201	Leiden, E. Bakhuyzen	Argel-Weiss 14213	3.00	10.6	
4768	91 215	Pola, J. Palisa	B. D. 4900	28.2	13' 0	
4769	69 74	Berlin, Romberg	Leiden, A. G. Z. 85, 87	57.04	18"7	
4770	98 141	Pola, J. Palisa	Yarnall 7906	59.44	43.6	♂ Sagittarii
4771	81 366	Leipzig, Engelmann	Cordoba Z. C. 847	2.37	13.5	A. N. ♂ um — 2' corrigirt. Siehe Noten.
4772	92 374	Pola, J. Palisa	Cordoba G. C. 24989	10.77	59.7	
4773	91 215	Pola, J. Palisa	Redhill Cat. 2751	15.36	35.7	A. N. corrigirt. Siehe Noten.
4774	86 317	Leiden, Valentiner	B. D. 4922	46.2	8' 4	
4775	110 293	Cap	Cordoba G. C. 25013	5.48	4"4	
4776	85 201	Leiden, E. Bakhuyzen	Pulkowa Cat. 1875, 3985	41.44	13.7	
4777	105 356	Dorpat, Schwarz	A.N. 100 103, Mikr. Anschl.	43.06	52.0	
4778	105 183	Königsberg	.....	.....	.....	
4779	111 179 u. 221	Berlin, Knorre	Lund A. G. Z. 254 u. 265	3.96	19.1	
4780	79 108	Washington	Cordoba G. C. 25060	52.51	27.1	♂ Sagittarii E.B. — 0 <sup>s</sup> .0039, — 0".161 nach Stumpe A.N. [125, 413]
4781	98 141	Pola, J. Palisa	Cordoba G. C. 25098	28.72	5.4	
4782	92 375	Pola, J. Palisa	Weisse, 475, B. Z. 299	36.24	6.4	Berlin A.G.C.B. 6443, 36 <sup>s</sup> .10, 7"3; 7 <sup>m</sup> .0. A. N. um + 2 <sup>s</sup> [corrigirt. Siehe Noten]
4783	91 215	Pola, J. Palisa	B. D. 4719	51.8	24' 9	
4784	69 74	Berlin, Romberg	Cordoba G. C. 25108	54.30	22"3	
4785	98 141	Pola, J. Palisa	Cordoba G. C. 25115	16.42	30.9	
4786	105 356	Dorpat, Schwarz	Weisse, 392, B.Z. 175 u. 182	17.18	34.7	A. N. verbunden mit Lamont und Schjellerup
4787	104 143	Albany	Bonn A. G. Z. 11920	23.01	50.9	A. N. verbunden mit Mikrom. Bestimmung
4788	105 356	Dorpat, Schwarz	M <sub>1</sub> 16207	45.77	1.1	
4789	92 375	Pola, J. Palisa	M <sub>1</sub> 16226	8.85	36.8	
4790	108 5	Königsberg, Rahts	Weisse, 544, B. Z. 482	33.95	38.2	Bonn A. G. C. 11947, 34 <sup>s</sup> .24, 38"6; 9 <sup>m</sup> .0.
4791	73 63	Königsberg, Lorek	Schjellerup 6738	56.44	15.9	
4792	69 74	Berlin, Romberg	Weisse, 542, B. Z. 428	58.17	39.3	Berlin A.G.C.B. 6456, 58 <sup>s</sup> 54, 44"9; 8 <sup>m</sup> .0. Vielleicht E.B.
4793	69 74	Berlin, Romberg	Armagh Cat. II 2207	13.16	16.1	Berlin A.G.C.B. 6459, 13 <sup>s</sup> .20, 15"6; 7 <sup>m</sup> .6
4794	78 63	Königsberg, Lorek	M <sub>1</sub> 16282	13.99	39.9	
4795	108 5	Königsberg, Rahts	Greenw. New 7 Y. Cat. 2035	18.72	0.6	Bonn A. G. C. 11961, 18 <sup>s</sup> .76, 1"2; 6 <sup>m</sup> .5
4796	84 180	Leipzig, Engelmann	Pulkowa Cat. 1875.0 3998	25.26	54.4	Σ 2318 Dupl. seq. bor. maj. Siehe Noten.
4797	94 309	Berlin, Knorre	Pulkowa Cat. 1875.0 3999	47.26	3.3	O Σ 350 bor. maj. A.N. erwähnt keine Duplicität.
4798	94 309	Berlin, Schmidt	Glasgow Cat. I 4528	47.32	3.4	
4799	105 183	Königsberg	Weisse, 481, B.Z. 176 u. 182	42.00	26.0	
4800	94 309	Berlin, Knorre	M <sub>1</sub> 16393	17.53	22.3	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800	+											
4801	+ 6°3797	8.5	....	8.3	.....	78.0	18 <sup>h</sup> 22 <sup>m</sup> 17 <sup>s</sup> 54	..	+ 2°9146	+0°0010	-0°004	+ 6°45' 24"2	..	1"948	+0"422	- 0"02	
4802	+ 70 994	8.8	....	8.8	82.52	81.0	23 33.36	3	- 0.6826	-0.0104	+0.009	+70 29 49.8	3	2.057	-0.100	- 0 02	
4803	- 5 4675	6.2	....	6.5	66.4	66.0	23 33.51	3	+ 3.2075	+0.0001	-0.006	- 5 48 18.9	3	2.058	+0.464	- 0.02	
4804	+ 1 3689	8.0	8.5	...	73.59	73.0	23 36.92	1	3.0467	+0.0006	-0.005	+ 1 6 3.0	1	2.063	0.441	- 0.02	
4805	+ 42 3084	8.8	9	9	83.58	83.0	23 36.98	2	1.8528	+0.0017	-0.002	+42 31 8.4	2	2.063	0.268	- 0 0.	
4806	.....	...	9	8½	80.58	80.0	23 50.11	3	3.8447	-0.0025	-0.018	-30 9 13.0	3	2.082	0.557	- 0.04	
4807	+ 9 3737	7.6	....	8	81.5	80.0	23 56.34	2	2.8587	+0.0011	-0.003	+ 9 7 25.1	2	2.091	0.414	- 0.02	
4808	+ 43 2985	8.4	8.4	8.5	83.68	80.0	24 33.78	1	1.8252	+0.0016	-0.001	+43 10 20.2	1	2.145	0.263	- 0.01	
4809	» » »	»	8.5	8.7	83.63	83.0	33.91	2	»	»	»	18.6	2	»	»	»	
4810	+ 44 2906	7.2	....	7	82.5	82.0	24 36.16	2	1.7807	+0.0015	-0 002	+44 10 34.1	2	2.148	0.257	- 0.01	
4811	+ 1 3698	7.9	8.7	7	73.68	73.0	24 38.20	1	3.0419	+0.0006	-0.005	+ 1 18 28.1	1	2.152	0.440	- 0.02	
4812	.....	...	....	9	.....	82.0	25 11.22	4	3.6969	-0.0019	-0.014	-25 10 34.5	4	2.199	0.535	- 0.04	
4813	.....	...	8	8½	80.58	80.0	25 20.93	3	3.8442	-0.0017	-0.018	-30 9 11.6	3	2.213	0.556	- 0.04	
4814	+ 44 2909	7.8	7.8	8-9	83.68	80.0	25 29.26	1	1.7513	+0.0015	-0.002	+44 50 0.3	1	2.226	0.253	0 00	
4815	- 2 4650	8.8	9	9	76.65	75.0	26 20.96	1	3.1214	+0.0003	-0.005	- 2 7 8.0	1	2.301	0.451	- 0.03	
4816	- 17 5236	8.2	....	8	72.46	72.0	26 45.30	2	+ 3.4942	-0.0012	-0.011	-17 37 45.9	2	2.336	+0.505	- 0.04	
4817	+ 70 998	8.3	....	8.3	82.59	81.0	27 10.08	2	- 0.6439	-0.0120	+0.008	+70 20 28.2	2	2.372	-0.094	- 0.03	
4818	+ 43 3000	8.0	8	8	83.56	83.0	27 51.90	3	+ 1.7939	+0.0015	-0.002	+43 55 45.7	3	2.432	+0.258	- 0.01	
4819	+ 44 2919	7.6	8	8½	83.32	83.0	27 52.70	3	1 7483	+0.0014	-0.002	+44 55 53.1	4	2.433	0.252	0.00	
4820	+ 3 3747	7.5	....	7.8	.....	70.0	28 20.05	2	3.0018	+0.0005	-0.004	+ 3 2 24.8	2	2.473	0.433	- 0.03	
4821	.....	...	9-10	...	77.41	75.0	28 20.36	2	1.0650	-0.0005	-0.004	+56 32 11.3	2	2.473	0.153	- 0.01	
4822	+ 23 3373	9.2	....	9	.....	65.0	28 24.65	4	2.5033	+0.0015	-0.001	+23 12 48.1	4	2.479	0.361	- 0.01	
4823	- 17 5254	9.3	....	...	.....	65.0	28 51.65	2	3.4977	-0.0014	-0.011	-17 47 1.2	2	2.519	0.505	- 0.04	
4824	+ 56 2110	9.0	8.9	8.9	77.42	75.0	29 33.44	1	1.0646	-0.0007	-0.004	+56 33 34.4	1	2.578	0.153	- 0.01	
4825	- 12 5119	8.7	....	9.0	.....	65.0	30 30.72	..	3.3729	-0.0010	-0.008	-12 47 5.3	..	2.662	0.486	- 0.04	
4826	.....	...	8	7½	80.67	75.0	31 20.88	2	3.7850	-0.0034	-0.016	-28 17 15.2	2	2.734	0.546	- 0.05	
4827	+ 30 3245	7.8	....	...	66.55	66.0	31 46.51	2	2.2972	+0.0016	-0.001	+30 20 23.6	2	2.771	0.331	- 0.02	
4828	+ 47 2659	8.2	9	9	83.56	83.0	32 14.01	2	1.6454	+0.0011	-0.002	+47 8 51.3	2	2.811	0.236	- 0 01	
4829	.....	...	9	9.3	80.65	75.0	32 26.82	2	3.7772	-0.0034	-0.016	-28 2 22.5	2	2.821	0.546	- 0.05	
4830	- 13 5064	8.5	....	9	.....	70.0	33 15.91	2	3.3821	-0.0013	-0.008	-13 11 3.8	2	2.901	0.487	- 0.03	
4831	.....	...	8	8	80.65	75.0	33 32.35	3	3.7776	-0.0037	-0.016	-28 4 16.8	3	2.924	0.544	- 0.05	
4832	.....	...	8	8.6	80.65	75.0	33 45.12	2	3.7773	-0.0037	-0.016	-28 3 51.9	2	2.943	0.544	- 0.05	
4833	+ 46 2516	7.2	7.5	7½	83.55	83.0	34 2.34	4	1.7011	+0.0011	-0.002	+46 2 25.3	4	2.967	0.244	- 0.01	
4834	+ 63 1439	8.0	8.3	8.0	73.68	73.0	34 19.02	1	0.4091	-0.0055	-0.004	+63 35 59.2	1	2.992	0.058	- 0 01	
4835	- 17 5300	9.0	....	9	.....	65.0	36 13.94	2	3.4895	-0.0022	-0.010	-17 32 13.7	1	3.157	0.501	- 0.05	
4836	+ 27 3084	8.7	8.5	9.0	73.59	73.0	37 14.62	1	2.3848	+0.0015	-0.001	+27 31 22.4	1	3.245	0.342	- 0 02	
4837	- 2 4720	8.0	8	...	76.52	75.0	37 27.45	1	3.1227	-0.0004	-0.005	- 2 11 31.0	1	3.265	0.448	- 0 04	
4838	+ 29 3326	8.7	....	...	66.54	66.0	38 11.06	2	2.3207	+0.0015	-0.001	+29 41 7.5	2	3.326	0.332	- 0.02	
4839	+ 27 3089	9.0	8.9	8.8	73.68	73.0	38 29.40	1	2.3834	+0.0015	-0.001	+27 35 29.9	1	3.352	0.341	- 0.02	
4840	- 16 5028	8 2	...	8.0	.....	70.0	40 19.11	3	3.4525	-0.0024	-0.009	-16 6 45.7	3	3.510	0.494	- 0.05	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4801	94 309	Berlin, Schmidt	Schjellerup 6764	17 <sup>s</sup> 37	24" 0	Derselbe Stern wie Nr. 4800
4802	104 309	Strassburg	Dorpat A. G. Z. Vol. XVIII	33.36	49.5	
4803	73 63	Königsberg, Lorek	[p. (13)] Cordoba G. C. 25273	33.26	18.8	
4804	84 180	Leipzig, Engelmann	Albany A. G. C. 6249	36.87	2.6	A. N. um + 10 <sup>s</sup> corrigirt. Siehe Noten.
4805	108 5	Königsberg, Rahts	Weisse, 658, B. Z. 482	36.68	8.9	Bonn A. G. C. 12005, 36 <sup>s</sup> .80, 9" 1; 8 <sup>m</sup> .3
4806	98 143	Pola, J. Palisa	Cordoba G. C. 25280	50.02	12.2	Siehe Noten.
4807	105 356	Dorpat, Schwarz	Santini, 1266	56.65	33.2	
4808	111 179 u. 221	Berlin, Knorre	B. B. VI 2985	33.77	17.8	
4809	108 5	Königsberg, Rahts	Bonn A. G. C. 12017	33.81	19.3	Siehe Noten. Bonn A. G. C. 12019, 36 <sup>s</sup> .19, 35" 4; 7 <sup>m</sup> .1
4810	110 195	Albany, Tucker	Weisse, 699, B. Z. 478	35.80	25.8	
4811	84 180	Leipzig, Engelmann	Albany A. G. C. 6256	38.24	27.5	
4812	106 22	Washington	Cordoba Z. C. 1534	11.04	33.6	Siehe Noten.
4813	98 143	Pola, J. Palisa	Cordoba G. C. 25320	20.82	9.1	
4814	111 179 u. 221	Berlin, Knorre	Weisse, 723, B. Z. 478	28.53	56.8	
4815	91 215	Pola, J. Palisa	Schjellerup 6800	20.90	9.1	Bonn A. G. C. 12029, 29 <sup>s</sup> .41, 0" 6; 8 <sup>m</sup> .5
4816	82 14	Neuenburg, Becker	Argel-Weiss 14501	45.43	41.7	Siehe Noten.
4817	104 309	Strassburg	Dorpat A. G. Z. Vol. XVIII	10.04	27.2	
4818	108 5	Königsberg, Rahts	[p. (13)] Weisse, 799, B. Z. 478	51.71	42.0	
4819	108 5	Königsberg, Rahts	Lalande 34435	53.50	31.3	Bonn A. G. C. 12067, 52 <sup>s</sup> .67, 53" 1; 8 <sup>m</sup> .0
4820	81 73	Berlin	Albany A. G. C. 6274	20.07	25.5	Siehe Noten
4821	92 375	Pola, J. Palisa	Leiden, Mikrom. Anschluss	21.9	32' 2	
4822	69 74	Berlin, Romberg	Weisse, 798, B. Z. 428	24.61	45" 5	
4823	69 74	Berlin, Romberg	B. D. 5254	52.2	47' 7	Berlin A. G. C. B. 6538, 24 <sup>s</sup> .60, 47" 8; 8 <sup>m</sup> .9.
4824	92 373	Pola, J. Palisa	Helsingfors A. G. C. 9846	33.57	33" 8	
4825	69 74	Berlin, Romberg	Yarnall 8038	30.57	5.2	
4826	110 293	Cap	Cordoba G. C. 25449	20.82	14.5	Bonn A. G. C. 12139, 13 <sup>s</sup> .97, 51" 6; 8 <sup>m</sup> .3.
4827	69 381	Leiden, Kam u. v. [Hennekeler]	Leiden A. G. Z. 356, 358	46.37	23.3	
4828	108 5	Königsberg, Rahts	Argel.-Oeltzen 18422	13.93	51.4	
4829	110 293	Cap	Cordoba D.M. — 28°. 14846	27.7	2' 0	Siehe Noten
4830	81 74	Berlin	Santini, 1663	15.79	4" 2	
4831	110 293	Cap	Washington Mur. Z. 128	32.27	18.6	
4832	110 293	Cap	[Nr. 12] Gill-Kapteyn Phot. D. M.	44.6	4' 0	Bonn A. G. C. 12165, 2 <sup>s</sup> .45, 25" 1; 7 <sup>m</sup> .5
4833	108 5	Königsberg, Rahts	Lalande 34670	2.97	25" 0	
4834	84 180	Leipzig, Engelmann	Helsingfors A. G. C. 9887	19.08	59.1	
4835	69 74	Berlin, Romberg	Argel-Weiss 14657	13.78	16.6	Duplex Siehe Noten E. B. { — 0 <sup>s</sup> .0087, — 0" 300 Argel — 0.007, — 0.26 » Porter [Cat.Pr.M.1041 — 0.0074, — 0 302 n. Bischof [Nr. 404
4836	84 180	Leipzig, Engelmann	Struve Pos. med. 2138	14.26	20.6	
4837	91 215	Pola, J. Palisa	Kam 3610	27.12	26.5	
4838	69 379	Leiden, Kam u. v. [Hennekeler]	B. D. 3326	10.5	41' 3	Siehe Noten
4839	84 180	Leipzig, Engelmann	Struve Pos. med. 2141	29.50	28" 9	
4840	81 74	Berlin	B. B. VI p. 360 Nr. 114	19.05	41.6	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied
		B. D.	A. N.	Quelle.	Beob.	Pos.										
4841	.....	...	9	8.8	78.59	75.0	18 <sup>h</sup> 40 <sup>m</sup> 29 <sup>s</sup> 77	1	+ 3 <sup>s</sup> 7441	-0 <sup>s</sup> 0045	-0 <sup>s</sup> 015	-27° 3' 0" 6	1	3" 525	+0" 536	-0" 06
4842	+ 35° 3349	8.7	8.8	8.7	73.68	73.0	40 46.94	1	2.1368	+0.0015	-0.001	+35 24 35.0	1	3.550	0.305	-0.01
4843	- 11 4753	7.2	....	7	....	65.0	41 22.95	2	3.3404	-0.0018	-0.007	-11 31 30.8	2	3.601	0.478	-0.04
4844	- 18 5078	9.0	....	8.5	....	70.0	41 23.66	1	3.5209	-0.0029	-0.011	-18 50 10.5	1	3.602	0.503	-0.05
4845	.....	...	8	9	80.60	75.0	42 28.14	3	3.7931	-0.0052	-0.016	-28 44 52.5	3	3.695	0.542	-0.07
4846	- 2 4757	8.9	9	9	76.52	75.0	43 52.39	1	3.1246	-0.0008	-0.005	- 2 17 0.9	1	3.816	0.446	-0.04
4847	+ 52 2280	6.3	....	6.0	73.54	73.0	43 55.63	3	1.3399	-0.0007	-0.003	+52 51 4.9	8	3.820	0.190	-0.01
4848	+ 48 2767	6.3	6.3	6	83.68	80.0	44 24.10	1	1.5665	+0.0002	-0.002	+48 56 7.7	1	3.861	0.222	-0.03
4849	- 6 4029	8.8	8.3	7	69.47	70.0	44 25.74	8	3.2199	-0.0013	-0.006	- 6 25 22.8	8	3.863	0.459	-0.04
4850	+ 10 3685	6.7	7.7	6.7	73.68	73.0	44 52.73	1	2.8213	+0.0005	-0.003	+10 49 56.9	1	3.902	0.402	-0.05
4851	.....	...	8	7½	80.58	75.0	45 17.30	3	3.7665	-0.0054	-0.015	-27 54 20.6	3	3.937	0.537	-0.07
4852	+ 28 3099	8.0	....	8	66.55	66.0	45 41.88	2	2.3643	+0.0014	-0.001	+28 22 49.4	2	3.972	0.336	-0.02
4853	+ 10 3703	8.3	8.0	8.6	73.68	73.0	46 4.59	1	2.8263	+0.0004	-0.003	+10 37 57.4	1	4.005	0.402	-0.05
4854	- 17 5362	8.9	....	9.0	....	65.0	46 21.48	2	3.4748	-0.0032	-0.010	-17 5 3.9	2	4.029	0.495	-0.06
4855	- 11 4804	7.8	....	8	....	65.0	47 28.52	2	3.3444	-0.0023	-0.007	-11 45 5.1	2	4.125	0.475	-0.05
4856	.....	...	3.0	2.3	72.56	73.0	47 31.11	1	3.7231	-0.0054	-0.014	-26 26 59.7	1	4.128	0.530	-0.07
4857	+ 10 3720	7.0	....	6.8	81.5	80.0	48 28.52	2	2.8263	-0.0003	-0.003	+10 39 11.0	2	4.210	0.401	-0.05
4858	+ 52 2294	5.5	....	6.0	82.5	82.0	48 47.01	2	1.3497	-0.0011	-0.003	+52 48 53.4	2	4.236	0.191	-0.01
4859	.....	...	....	9	....	70.0	49 11.01	3	3.6379	-0.0048	-0.013	-23 24 54.4	3	4.271	0.516	-0.07
4860	- 17 5389	8.7	....	9	....	65.0	49 35.23	3	3.4816	-0.0035	-0.010	-17 24 22.8	3	4.305	0.494	-0.06
4861	.....	...	8	8½	80.68	75.0	49 39.88	3	3.7553	-0.0060	-0.014	-27 36 56.5	3	4.312	0.533	-0.08
4862	- 16 5090	9.5	10-11	...	76.26	75.0	49 45.24	3	3.4577	-0.0034	-0.009	-16 27 0.6	2	4.319	0.490	-0.06
4863	+ 51 2456	8.9	....	9.0	....	82.0	51 22.90	2	1.4199	-0.0008	-0.002	+51 43 53.1	2	4.458	0.200	-0.02
4864	- 12 5228	6.9	....	7.0	....	70.0	52 0.52	2	3.3671	-0.0029	-0.007	-12 45 18.1	2	4.512	0.476	-0.06
4865	» »	»	....	8	....	65.0	0.71	2	»	»	»	16.1	2	»	»	»
4866	- 12 5236	8.7	...	8.4	....	70.0	53 9.86	2	3.3672	-0.0030	-0.007	-12 46 26.6	2	4.610	0.476	-0.06
4867	- 8 4803	9.4	10	...	74.53	70.0	53 12.39	2	3.2590	-0.0022	-0.006	- 8 10 6.8	3	4.614	0.460	-0.05
4868	- 8 4815	9.0	8.9	8	74.53	70.0	54 40.19	3	3.2568	-0.0023	-0.006	- 8 5 11.8	3	4.739	0.460	-0.05
4869	+ 26 3421	7.5	....	...	66.55	66.0	54 56.97	2	2.4164	+0.0013	-0.001	+26 47 35.8	2	4.762	0.340	-0.05
4870	- 6 5007	7.7	....	8	....	65.0	55 6.73	2	3.2215	-0.0021	-0.005	- 6 33 18.2	2	4.776	0.454	-0.05
4871	+ 52 2311	8.8	9	9	83.57	83.0	55 14.69	3	1.3783	-0.0013	-0.003	+52 31 57.1	3	4.787	0.193	-0.02
4872	» »	»	8.8	8.8	83.68	80.0	14.74	1	»	»	»	57.6	1	»	»	»
4873	+ 11 3697	9.0	9	9.0	76.56	76.0	55 31.45	2	2.8098	+0.0002	-0.002	+11 25 46.5	2	4.811	0.396	-0.04
4874	+ 11 3701	9.5	9.5	9.5	76.57	76.0	55 37.93	3	2.8083	+0.0002	-0.002	+11 29 48.8	3	4.820	0.395	-0.04
4875	+ 11 3703	8.9	8.9	9	76.76	76.0	55 42.06	2	2.8103	+0.0002	-0.002	+11 24 44.8	2	4.826	0.396	-0.04
4876	+ 8 3945	8.8	8.8	...	73.60	73.0	55 44.76	2	2.8767	-0.0001	-0.002	+ 8 34 13.7	2	4.830	0.405	-0.04
4877	+ 11 3704	7.7	....	7.8	81.5	80.0	55 56.26	2	2.8135	+0.0002	-0.002	+11 16 42.0	2	4.846	0.396	-0.04
4878	+ 8 3950	8.8	8.6	8.5	73.64	73.0	56 9.94	2	2.8767	-0.0001	-0.002	+ 8 34 32.7	2	4.866	0.405	-0.04
4879	- 12 5259	7.5	....	8	....	65.0	56 21.43	2	3.3690	-0.0033	-0.007	-12 53 17.2	2	4.882	0.474	-0.06
4880	- 16 5128	8.3	9	9	....	75.0	56 39.35	2	3.4485	-0.0040	-0.008	-16 11 3.8	2	4.907	0.485	-0.07

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
4841	98 201, 94 205	Pola, J. Palisa	Gill-Kapteyn Phot. D. M.	29.8	3' 1	Siehe Noten.
4842	84 180	Leipzig, Engelmann	Lund A. G. Z. 263 u. 264	47.14	33'6	Duplex. Siehe Noten.
4843	69 74	Berlin, Romberg	Santini, 2064	22.89	29.2	
4844	81 74	Berlin	B. B. VI 360 Nr. 116	23.60	9.9	
4845	110 299	Cap	Wash. Mural Z. 182 Nr. 37	28.46	51.9	
4846	91 215	Pola, J. Palisa	Trettenero 1059	52.13	2.8	
4847	84 180	Leipzig, Engelmann	Cambr. (M.) A. G. C. 5727	55.61	4.0	E. B. + 0.0056 — 0".034 nach Cambr. (M.) A. G. C.
4848	111 179 u. 221	Berlin, Knorre	Radcliffe Cat. I 4072	24.12	7.0	Bonn A. G. C. 12332, 24.16, 7".0; 6m.5
4849	104 197	Leipzig, Engelmann	Cordoba G. C. 25796 (Nebel)	25.54	23.0	
4850	84 180	Leipzig, Engelmann	Armagh Cat. II 2290	52.78	53.6	Duplex. Siehe Noten.
4851	110 295	Cap	Cordoba G. C. 5826	17.19	18.9	A. N. δ um — 1' corrigirt. Siehe Noten.
4852	69 381	Leiden, Kam u. v. [Hennekeler]	Lalande 35142	41.38	54.8	Siehe Noten.
4853	84 180	Leipzig, Engelmann	Pulkowa Cat. 1875.0 4110	4.72	56.5	Duplex. Siehe Noten.
4854	69 74	Berlin, Romberg	M, 7958	21.31	6.0	
4855	69 74	Berlin, Romberg	Santini, 2075	28.34	6.2	
4856	88 136	Wien, Holetschek	Auwers Fund. Cat. der A. G.	30.84	59.4	A. N. um + 3' corrigirt. ♂ Sagittarii. E. B. — 0.0012 — 0".067
4857	108 339 u. 343	Kopenhagen, Pechüle	B. B. VI 3720 [603]	28.59	12.1	[Siehe Noten.]
4858	110 195	Albany, Tucker	Cambr. (M.) A. G. C. 5756	47.02	52.8	E. B. { + 0.0010, + 0".273 nach Stumpe A. N. 125, S. 413 — 0.005, + 0.32 » Porter Pr. Mot. 1049 + 0.0024, + 0.276 » Bischof Nr. 406 — 0.0060, + 0.352 » Cambr. (M.) A. G. C.
4859	81 74	Berlin	Cordoba G. C. 25909	11.02	56.7	
4860	69 74	Berlin, Romberg	Argel.-Weiss 14868	34.97	20.1	
4861	110 295	Cap	Cordoba G. C. 25915	39.94	55.2	Pola verbunden mit Melbourne. Siehe Noten.
4862	91 216 u. 217	Pola, J. Palisa	B. D. 5090	45.9	27' 7	Duplex seq. austr. B. D. 5089, geht 2.9, 2' nördl. voran.
4863	110 195, 102 267	Albany, Tucker	Cambr. (M.) A. G. C. 5781	22.90	50"8	
4864	81 74	Berlin	Cordoba G. C. 25962	0.56	17.2	
4865	69 74	Berlin, Romberg	Schjellerup 7062	0.55	16.6	
4866	81 74	Berlin	Yarnall 8231	9.73	26.5	
4867	86 213	Berlin, Becker	B. D. 4803	12.9	10' 7	
4868	86 213	Berlin, Becker	M, 18379	40.16	13"1	M, 8159, 40.01, 7".8; 9m.3
4869	69 381	Leiden, Kam u. v. [Hennekeler]	Rümker 6955	56.96	34.4	
4870	72 114	Berlin, Romberg	Weisse, 1372 B. Z. 187	6.60	20.7	M, 18414, 6.70, 19" 2; 8m.8
4871	108 5, 111 221	Königsberg, Rahts	Arg.-Oeltzen 18815	14.84	59.7	
4872	111 179	Berlin, Knorre	Cambr. (M.) A. G. C. 5804	14.86	58.0	
4873	90 203	Leipzig	B. D. 3697	30.2	26' 0	
4874	90 203	Leipzig	B. D. 3701	37.4	29.9	
4875	90 203	Leipzig	M, 18449	42.14	51"0	M, 8182, 41.89, 49".2; 9m.0
4876	84 180	Leipzig, Engelmann	Pulkowa Cat. 1875.0 4137	44.63	11.8	Duplex. Siehe Noten.
4877	108 339 u. 343	Kopenhagen, Pechüle	B. B. VI 3704	56.41	43.7	
4878	84 180	Leipzig, Engelmann	Pulkowa Cat. 1875.0 4143	9.99	31.7	Duplex. Siehe Noten.
4879	69 74	Berlin, Romberg	Santini, 1701	21.14	20.5	M, 18496, 21.18, 20".3; 8m.
4880	91 217	Pola, J. Palisa	M, 18511	39.10	2.0	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmusterung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle	Beob.	Pos.			Var. annua.	Var. saec.	3.Glied.			Var. annua.	Var. saec.	3.Glied.
4881	.....	...	....	4.6	77.40	75.0	18 <sup>h</sup> 57 <sup>m</sup> 58 <sup>s</sup> 05	3	+ 4 <sup>s</sup> 0562	-0 <sup>s</sup> 0110	-0 <sup>s</sup> 0222	-37°14' 25"5	3	5"018	+0"570	- 0"11
4882	+ 53°2167	8.5	9	8.7	83.62	83.0	58 1.47	3	1.3184	-0.0019	-0.003	+53 34 25.2	3	5.024	0.184	- 0.02
4883	» »	»	....	9	82.4	82.0	1.73	2	»	»	»	24.9	2	»	»	»
4884	+ 29 3457	7.8	....	7.8	66.73	65.0	58 21.54	2	2.3300	+0.0013	0.000	+29 50 35.0	2	5.051	0.327	- 0.05
4885	- 16 5139	8.1	9	8-9	76.61	75.0	58 26.12	2	3.4615	-0.0043	-0.009	-16 44 49.6	2	5.058	0.486	- 0.07
4886	+ 15 3683	7.5	7.5	7.5	72.55	73.0	59 13.82	1	2.7126	+0.0005	-0.001	+15 33 2.2	1	5.125	0.380	- 0.04
4887	- 0 3648	8.6	9	8.5	66.67	65.0	59 28.53	2	3.0919	-0.0014	-0.004	- 0 52 22.1	2	5.146	0.428	- 0.05
4888	+ 30 3409	6.5	....	...	66.74	65.0	19 0 9.16	2	2.3103	+0.0013	0.000	+30 32 47.1	2	5.203	0.323	- 0.05
4889	+ 53 2175	8.6	....	8.6	82.5	82.0	0 18.98	2	1.3212	-0.0020	-0.003	+53 36 2.6	2	5.217	0.184	- 0.02
4890	.....	...	7.7	7.2	80.63	75.0	0 22.30	2	3.7307	-0.0073	-0.013	-27 1 39.1	2	5.222	0.523	- 0.09
4891	.....	...	9	7.7	80.68	75.0	0 25.17	1	3.7309	-0.0073	-0.013	-27 2 5.2	1	5.226	0.523	- 0.09
4892	.....	...	8.2	8 $\frac{1}{2}$	80.68	75.0	2 8.25	2	3.7242	-0.0075	-0.013	-26 50 48.3	2	5.371	0.521	- 0.09
4893	.....	...	8.5	8 $\frac{1}{2}$	80.65	75.0	2 33.11	2	3.7182	-0.0075	-0.013	-26 38 37.7	2	5.406	0.520	- 0.09
4894	+ 30 3427	8.6	8.7	...	73.64	73.0	2 56.49	2	2.3149	+0.0012	0.000	+30 28 38.9	2	5.439	0.323	- 0.05
4895	+ 54 2084	9.2	....	...	82.5	82.0	3 8.16	3	1.2640	-0.0027	-0.003	+54 34 2.1	3	5.451	0.175	- 0.02
4896	- 6 5049	8.8	....	9	66.69	65.0	3 32.97	3	+ 3.2079	-0.0025	-0.005	- 6 1 18.5	3	5.490	+0.448	- 0.06
4897	+ 69 1023	8.3	....	...	82.53	81.0	3 42.95	2	- 0.2970	-0.0257	-0.005	+69 6 53.1	2	5.504	-0.044	- 0.06
4898	- 22 5001	9.1	....	...	70.55	70.0	3 54.45	3	+ 3.6128	-0.0064	-0.011	-22 48 40.7	3	5.520	+0.504	- 0.09
4899	+ 34 3437	6.5	....	...	73.71	73.0	4 11.69	..	2.1871	+0.0012	-0.001	+34 33 43.0	..	5.544	0.304	- 0.02
4900	+ 37 3350	8.5	8.5	8.5	73.60	73.0	4 13.69	1	+ 2.0788	+0.0011	-0.001	+37 42 44.8	1	5.547	+0.289	- 0.02
4901	+ 68 1041	9.3	....	9.3	81.6	81.0	4 17.12	3	- 0.2272	-0.0245	-0.006	+68 43 31.6	3	5.552	-0.034	- 0.06
4902	+ 55 2151	8.0	8	7.6	83.26	83.0	5 32.20	3	+ 1.2269	-0.0033	-0.003	+55 11 52.2	3	5.657	+0.169	- 0.02
4903	+ 31 3483	7.3	....	...	66.73	65.0	5 59.10	2	2.2888	+0.0012	0.000	+31 25 53.4	2	5.694	0.318	- 0.05
4904	+ 7 3993	8.9	....	8.9	.....	47.0	6 13.39	..	2.9086	-0.0006	-0.002	+ 7 16 29.7	..	5.714	0.404	- 0.05
4905	+ 12 3849	8.7	....	9	81.5	80.0	6 41.92	1	2.7881	0.0000	-0.001	+12 30 35.9	1	5.754	0.387	- 0.04
4906	+ 13 3949	8.5	....	9	81.5	80.0	6 55.54	1	2.7725	+0.0001	-0.001	+13 10 29.7	1	5.773	0.385	- 0.04
4907	+ 32 3354	7.6	....	...	66.74	65.0	7 30.90	2	2.2714	+0.0012	0.000	+32 2 37.2	2	5.823	0.315	- 0.05
4908	+ 18 3985	8.3	8.5	8.1	73.68	73.0	7 32.77	1	2.6335	+0.0006	-0.001	+18 55 45.2	1	5.825	0.365	- 0.04
4909	- 2 4906	9.1	9	...	76.52	75.0	8 5.45	1	3.1202	-0.0021	-0.004	- 2 8 51.5	1	5.871	0.432	- 0.06
4910	.....	...	....	8-9	84.7	84.0	8 8.57	..	3.8276	-0.0098	-0.014	-30 34 45.8	..	5.875	0.531	- 0.11
4911	- 6 5077	6.5	7	7	66.67	65.0	8 40.91	2	3.2125	-0.0029	-0.005	- 6 15 56.0	2	5.920	0.445	- 0.06
4912	» »	»	....	6.8	66.6	66.0	40.98	3	»	»	»	53.9	3	»	»	»
4913	+ 25 3757	6.9	....	6.9	66.55	66.0	8 45.68	2	2.4618	+0.0010	-0.001	+25 32 43.9	2	5.927	0.340	- 0.05
4914	.....	...	9.5	8 $\frac{1}{2}$	76.59	75.0	9 25.94	1	3.8920	-0.0109	-0.016	-32 43 4.8	1	5.983	0.539	- 0.11
4915	+ 13 3960	8.5	....	9.0	81.5	80.0	9 29.91	2	2.7769	0.0000	-0.001	+13 2 2.3	2	5.989	0.384	- 0.05
4916	- 21 5326	8.0	....	8	70.7	70.0	9 49.26	3	3.5693	-0.0067	-0.010	-21 17 27..	..	6.01	...	- 0.09
4917	- 21 5331	9.1	....	9	70.7	70.0	10 23.47	1	3.5714	-0.0068	-0.010	-21 23 24..	..	6.06	.....	- 0.09
4918	+ 29 3537	9.3	8.9	...	68.45	70.0	11 30.65	5	2.3386	+0.0012	0.000	+29 58 1.1	5	6.156	0.322	- 0.05
4919	- 0 3704	9.1	....	9	.....	47.0	13 6.60	..	3.0886	-0.0021	-0.003	- 0 44 11.9	..	6.289	0.425	- 0.06
4920	+ 34 3490	8.2	....	...	64.14	65.0	13 24.64	2	2.1988	+0.0012	0.000	+34 32 20.7	2	6.314	0.302	- 0.05



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N
				A.R.	Decl.	
1881	92 375	Pola, J. Palisa	Cordoba G. C. 26123	58.08	25"0	{ $\gamma$ Coronae austr. E. B. + 0 <sup>s</sup> .007, — 0".33 nach Porter Pr. Mot. 1056.
1882	108 5	Königsberg, Rahts	Cambr. (M.) A. G. C. 5822	1.73	22.6	
1883	110 195, 102 267	Albany, Tucker	Arg.-Oeltzen 18856	1.82	26.1	A. N. um + 8 <sup>m</sup> corrigirt. Siehe Noten.
1884	69 74	Berlin, Romberg	B. B. VI 3457	21.52	37.9	
1885	91 217	Pola, J. Palisa	Arg.-Weiss 15006	26.12	46.6	M <sub>1</sub> 18704, 28 <sup>s</sup> .41, 18".6; 8 <sup>m</sup> .
1886	88 136	Wien, Holetschek	Armagh Cat. II 2343	13.94	59.2	
1887	69 74	Berlin, Romberg	Schjellerup 7140	28.36	19.4	
1888	69 74	Berlin, Romberg	Leiden A. G. Z. 358, 373	9.19	47.6	
1889	110 195	Albany, Tucker	Cambr. (M.) A. G. C. 5838	19.14	1.2	
1890	110 293	Cap	Cordoba G. C. 26174	22.37	39.1	
1891	110 293	Cap	Cordoba G. C. 26176	25.14	3.0	Duplex. Siehe Noten.
1892	110 293	Cap	Cordoba G. C. 26220	8.16	44.6	
1893	110 293	Cap	Cordoba G. C. 26233	33.01	37.7	
1894	84 180	Leipzig, Engelmann	Leiden A. G. Z. 354, 358	56.58	38.2	
1895	110 195, 102 267	Albany, Tucker	B. D. 2084	6.9	33'5	Siehe Noten.
1896	69 74	Berlin, Romberg	Schjellerup 7175	32.68	19"4	
1897	104 309	Strassburg	Christiania A. G. C. 2946	42.91	52.5	Duplex. Siehe Noten. Duplex. Siehe Noten. Lund A. G. Z. 431, 436, 13 <sup>s</sup> .81, 43".8; 8 <sup>m</sup> .0.
1898	81 74	Berlin	B. D. 5001	54.3	48'6	
1899	84 180	Leipzig, Engelmann	Leiden A. G. Z. 317, 373	11.75	40"3	
1900	84 180	Leipzig, Engelmann	Pulkowa Cat. 1875.0 4184	13.75	43.4	
1901	111 92	Königsberg, Rahts	Christiania A. G. C. 2950	16.75	30.8	Siehe Noten.
1902	108 5	Königsberg, Rahts	Helsingfors A. G. C. 10211	32.25	50.8	
1903	69 74	Berlin, Romberg	Leiden A. G. Z. 65, 216	58.91	53.0	
1904	88 211	Pulkowa	Pulk. Obs Vol. VIII p. 346 [Nr. 1102]	13.44	30.3	
1905	108 343	Kopenhagen, Pechüle	A. N. 99 211, Mikr. Anschluss	42.31	37.2	Siehe Noten.
1906	108 339 u. 343	Kopenhagen, Pechüle	M <sub>1</sub> 19217	55.58	29.8	
1907	69 74	Berlin, Romberg	Leiden A. G. Z. 73	30.82	37.2	Siehe Noten.
1908	84 180	Leipzig, Engelmann	Struve Pos. med. 2253	33.09	45.4	
1909	91 217	Pola, J. Palisa	B. D. 4906	5.7	8'5	
1910	109 386	Strassburg, Schur	Arg.-Weiss 15180	8.55	45"8	
1911	69 74	Berlin, Romberg	M <sub>1</sub> 19333	40.88	56.4	Bloss in A. R. bestimmt.
1912	78 64	Königsberg, Lorek	Cordoba G. C. 26392	40.88	54.2	
1913	69 382	Leiden, Kam u. v. [Hennekeler]	Armagh Cat. II 2385	45.61	44.4	
1914	91 217	Pola, J. Palisa	Cordoba Z. C. 410	25.97	6.1	
1915	108 343	Kopenhagen, Pechüle	M <sub>2</sub> 8476	29.74	1.8	Desgleichen. A. N. $\delta$ um + 10' corrigirt. Siehe Noten.
1916	77 367	Durham, Plummer	Cordoba G. C. 26405	49.24	28.8	
1917	77 367	Durham, Plummer	Arg.-Weiss 15218	23.51	24.7	Siehe Noten. E. B. { — 0 <sup>s</sup> .0126 + 0".013 n. Stumpe A. N. [125, 414] — 0.0110 + 0.016 » Bischof 411
1918	104 197	Leipzig, Engelmann	B. D. 3537	30.0	58'1	
1919	88 211	Pulkowa	Trettenero 1114	6.53	12"3	
1920	69 74	Berlin, Romberg	Leiden A. G. Z. 212, 299	24.53	20.9	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
4921	+ 33° 34' 03	8.3	....	...	66.73	65.0	19 <sup>h</sup> 13 <sup>m</sup> 34 <sup>s</sup> 61	2	+ 2 <sup>s</sup> 2194	+ 0 <sup>s</sup> 0012	0 <sup>s</sup> 0000	+ 33° 54' 36" 8	2	+ 6" 328	+ 0" 304	— 0 <sup>s</sup> 05
4922	.....	...	....	7.0	84.7	84.0	13 44.05	..	3.7997	— 0.0103	— 0.014	— 29 50 12.4	..	6.341	0.523	— 0.11
4923	+ 53 2216	4.5	....	4.0	73 54	73.0	14 12.73	3	1.3818	— 0.0026	— 0.003	+ 53 8 18.8	8	6.381	0.188	— 0.02
4924	+ 39 3719	7.6	7.8	7.6	73.68	73.0	14 42.31	1	2.0452	+ 0.0010	0.000	+ 39 2 17.7	1	6.422	0.280	— 0.05
4925	+ 14 3881	8.1	....	8	81.5	80.0	14 56.80	1	2.7522	0.0000	— 0.001	+ 14 11 14.0	1	6.442	0.377	— 0.05
4926	+ 24 3719	9.1	....	9.1	.....	47.0	15 28.78	..	2.5046	+ 0.0019	0.000	+ 24 10 2.3	..	6.486	0.342	— 0.04
4927	+ 13 3990	9.0	....	9	81.5	80.0	15 39.58	1	2.7653	— 0.0001	— 0.001	+ 13 38 22.9	1	6.501	0.379	— 0.05
4928	+ 34 3502	8.0	....	...	64.61	65.0	15 55.14	2	2.1979	+ 0.0011	0.000	+ 34 39 58.6	2	6.522	0.300	— 0.05
4929	+ 34 3501	8.7	....	...	64.69	65.0	15 55.67	2	2.1957	+ 0.0012	0.000	+ 34 44 5.5	2	6.523	0.300	— 0.05
4930	+ 14 3890	7.8	....	6.9	81.5	80.0	16 4.77	2	2.7499	0.0000	— 0.001	+ 14 18 29.5	2	6.536	0.376	— 0.05
4931	+ 66 1184	8.2	8-9	7.8	64.21	65.0	16 12.41	2	0.1084	— 0.0222	— 0.009	+ 66 54 28.1	2	6.546	0.012	— 0.05
4932	+ 57 1991	9.2	9	9.0	83.17	83.0	18 47.26	3	1.0560	— 0.0064	— 0.005	+ 58 1 26.4	3	6.759	0.142	— 0.02
4933	.....	...	7	8½	80.64	75.0	19 0.23	3	3.7014	— 0.0096	— 0.012	— 26 33 51.6	3	6.777	0.505	— 0.11
4934	.....	...	8½	8-9	84.6	84.0	19 14.79	2	3.7854	— 0.0110	— 0.013	— 29 33 11.4	2	6.797	0.516	— 0.12
4935	+ 64 1345	8.5	9	8.4	63.69	65.0	19 14.92	2	0.3878	— 0.0172	— 0.008	+ 64 53 38.2	2	6.797	0.050	— 0.04
4936	+ 66 1193	8.0	....	7.2	64.18	65.0	19 22.69	2	0.1470	— 0.0223	— 0.010	+ 66 44 14.1	2	6.808	0.017	— 0.05
4937	+ 14 3909	8.0	....	9	81.5	80.0	20 1.56	1	2.7542	— 0.0001	— 0.001	+ 14 12 22.7	1	6.861	0.374	— 0.05
4938	+ 15 3811	8.0	....	9	81.5	80.0	20 19.72	2	2.7285	0.0000	— 0.001	+ 15 18 34.8	2	6.886	0.371	— 0.05
4939	+ 58 1900	9.2	9.2	...	83.68	80.0	20 22.27	1	1.0402	— 0.0068	— 0.005	+ 58 17 17.7	1	6.889	0.140	— 0.02
4940	.....	...	....	9½	66.73	65.0	20 27.74	1	3.8456	— 0.0121	— 0.014	— 31 38 10.3	1	6.897	0.524	— 0.12
4941	+ 64 1347	9.0	9	8.9	63.68	65.0	20 30.23	2	0.3886	— 0.0176	— 0.009	+ 64 55 53.2	2	6.900	0.050	— 0.04
4942	+ 14 3917	9.0	....	9	.....	80.0	21 12.81	2	2.7397	0.0000	— 0.001	+ 14 51 18.5	2	6.958	0.375	— 0.05
4943	— 10 5089	8.2	8.9	8	73.65	70.0	21 45.30	2	3.3067	— 0.0047	— 0.005	— 10 36 0.7	2	7.003	0.449	— 0.08
4944	— 21 5408	8.0	....	8-9	70.7	70.0	22 55.55	5	3.5545	— 0.0080	— 0.009	— 21 5 29..	..	7.09	.....	— 0.10
4945	+ 22 3705	7.8	8	...	75.51	80.0	23 8.44	2	2.5555	+ 0.0007	0.000	+ 22 27 46.4	2	7.116	0.345	— 0.02
4946	+ 2 3904	6.9	6.7	7.0	73.60	73.0	23 53.91	1	+ 3.0146	— 0.0019	— 0.002	+ 2 38 45.6	1	7.178	0.407	— 0.07
4947	+ 68 1062	7.3	....	7.0	78.66	77.0	23 54.60	11	— 0.1407	— 0.0311	— 0.013	+ 68 45 58.0	6	7.179	0.022	— 0.07
4948	— 6 5170	7.0	....	...	82.6	82.0	24 11.53	3	+ 3.2204	— 0.0039	— 0.004	— 6 46 9.2	3	7.202	0.435	— 0.07
4949	+ 59 2032	7.8	7	7.8	82.57	83.0	24 19.33	3	0.9816	— 0.0081	— 0.005	+ 59 10 32.2	3	7.213	0.130	— 0.02
4950	— 1 3769	8.4	9	8.4	66.60	65.0	26 46.04	2	3.0961	— 0.0028	— 0.003	— 1 5 56.4	2	7.412	0.416	— 0.07
4951	+ 15 3855	9.0	....	9.1	81.5	80.0	26 51.62	2	2.7324	— 0.0001	— 0.001	+ 15 18 5.5	2	7.420	0.367	— 0.05
4952	.....	...	9	9½	80.63	80.0	27 24.45	1	3.7243	— 0.0112	— 0.012	— 27 43 12.1	1	7.464	0.501	— 0.12
4953	.....	...	8½	8½	84.6	84.0	28 14.42	2	3.7574	— 0.0119	— 0.012	— 28 56 25.6	2	7.532	0.505	— 0.12
4954	— 15 5402	10	9.5	...	75.66	80.0	28 20.17	2	3.4199	— 0.0066	— 0.007	— 15 40 28.9	2	7.540	0.459	— 0.17
4955	+ 21 3825	9.0	....	9	77.5	77.0	28 22.99	..	2.5906	+ 0.0006	0.000	+ 21 14 48.8	..	7.543	0.347	— 0.02
4956	.....	...	9	8½	80.65	80.0	28 27.03	1	3.8345	— 0.0133	— 0.013	— 31 36 28.1	1	7.549	0.515	— 0.15
4957	+ 15 3866	7.0	....	8	81.5	80.0	28 39.05	1	2.7173	0.0000	— 0.001	+ 15 59 40.8	1	7.565	0.364	— 0.05
4958	+ 32 3481	7.8	....	...	63.76	65.0	29 22.33	2	2.2772	+ 0.0012	0.000	+ 32 44 21.0	2	7.624	0.304	— 0.04
4959	+ 15 3872	6.0	....	6.0	81.5	80.0	29 45.60	1	2.7333	— 0.0001	— 0.001	+ 15 20 11.9	1	7.655	0.365	— 0.05
4960	— 10 5130	8.3	8.5	8.4	73.60	73.0	29 55.50	1	3.3059	— 0.0053	— 0.005	— 10 42 33.5	1	7.668	0.442	— 0.02

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4921	69 74	Berlin, Romberg	Leiden A. G. Z. 212, 299	34 <sup>s</sup> 47	37 <sup>m</sup> 1	
4922	109 386	Strassburg, Schur	Cordoba G. C. 26488	44.08	11.6	
4923	84 180	Leipzig, Engelmann	Auwers Fund. Cat. A.G. 272	12.83	18.6	* Cygai. E. B. + 0 <sup>s</sup> .0066 + 0 <sup>m</sup> .112 nach F. C.
4924	84 180	Leipzig, Engelmann	Lund A. G. Z. 283, 441	42.62	19.1	Siehe Noten.
4925	108 343	Kopenhagen, Pechüle	Lalande 36460	57.10	22.0	M <sub>2</sub> 8596, 56 <sup>s</sup> .92, 15 <sup>m</sup> .7; 8 <sup>m</sup> .0. Siehe Noten.
4926	88 211	Pulkowa	Pulkowa Obs. Vol. VIII [p. 346, Nr. 1113]	29.10	2.7	Siehe Noten zu Nr. 4904.
4927	108 339 u. 343	Kopenhagen, Pechüle	Weisse, 355, B. Z. 181	39.48	20.3	
4928	69 74	Berlin, Romberg	Leiden A. G. Z. 212, 299	55.10	58.8	
4929	69 75	Berlin, Romberg	Leiden A. G. Z. 219, 375	55.56	7.2	
4930	108 343	Kopenhagen, Pechüle	B. B. VI. 3890	4.82	32.9	Siehe Noten.
4931	69 75	Berlin, Romberg	Christiania A. G. C. 2993	12.53	29.2	
4932	108 5	Königsberg, Rahts	Helsingfors A. G. C. 10419	46.94	25.9	
4933	110 293	Cap	Cordoba G. C. 26615	0.10	50.1	
4934	110 203	Cap	Arg.-Weiss 15370	14.78	11.0	Cap verbunden mit Arg.-Weiss.
4935	69 75	Berlin, Romberg	Helsingfors A. G. C. 10426	15.07	40.4	
4936	69 75	Berlin, Romberg	Christiania A. G. C. 3006	22.69	15.7	
4937	108 339 u. 345	Kopenhagen, Pechüle	Schjellerup 7324	1.40	22.5	
4938	108 345	Kopenhagen	M <sub>1</sub> 20186	19.88	32.2	
4939	111 179	Berlin, Knorre	A.N. 108, 103-105, Mikrom. [Anschluss]	21.86	17.0	
4940	69 75	Berlin, Romberg	Cordoba G. C. 26644	27.72	5.4	
4941	69 75	Berlin, Romberg	Helsingfors A. G. C. 10444	30.42	53.7	
4942	108 345	Kopenhagen, Pechüle	Weisse, 493, B. Z. 181	12.90	17.1	
4943	84 235	Berlin, Knorre	M <sub>1</sub> 20280	45.25	59.6	
4944	77 367	Durham, Plummer	Arg.-Weiss 15435	55.80	28.9	Bloss in A. R. bestimmt.
4945	88 25	Berlin, Becker	Brüssel Cat. 8167	8.32	44.9	Berlin A. G. C. B. 7040, 8 <sup>s</sup> .47, 46 <sup>m</sup> .5; 7 <sup>m</sup> .4.
4946	84 180	Leipzig, Engelmann	Albany A. G. C. 6713	53.89	45.6	Reddish nach Albany. Siehe Noten.
4947	94 283	Berlin, Steibrink	Christiania A. G. C. 3020	54.60	0.8	{ E.B. — 0 <sup>s</sup> .0140 — 0 <sup>m</sup> .17 nach Radcl. Cat. » — 0.0128 — 0.118 » A.N. 104 S. 39 Radcliffe Cat. 1890.0, 5191, 11 <sup>s</sup> 38, 9 <sup>m</sup> .6; 7-8 <sup>m</sup> .
4948	104 39	Tachkent, Pome- [rantzeff]	Santini, — 6 <sup>o</sup> 365	11.81	7.6	
4949	108 5	Königsberg, Rahts	Helsingfors A. G. C. 10487	18.96	30.3	
4950	69 75	Berlin, Romberg	Göttingen Cat. I 5357-8	45.83	57.4	
4951	108 345	Kopenhagen, Pechüle	M <sub>2</sub> 8870	51.44	4.3	
4952	98 143	Pola, J. Palisa	Cordoba Z. C. 1170	24.60	8.6	
4953	110 203	Cap	Cordoba G. C. 26825	14.25	26.1	
4954	88 25	Berlin, Becker	B. D. 5402	20.9	40 <sup>m</sup> 7	
4955	90 365	Strassburg, Schur	Weisse, 827, B. Z. 437	23.36	54 <sup>m</sup> 5	{ M <sub>1</sub> 20805, 23 <sup>s</sup> .55, 55 <sup>m</sup> .0; 9 <sup>m</sup> . Berlin A. G. C. B. 7094, 23 <sup>s</sup> .13, 49 <sup>m</sup> .7; 9 <sup>m</sup> .0.
4956	98 143	Pola, J. Palisa	Cordoba G. C. 26828	26.97	27.8	
4957	108 345	Kopenhagen, Pechüle	M <sub>1</sub> 20834	39.13	39.8	
4958	69 75	Berlin, Romberg	Leiden, A. G. Z. 317, 374	22.23	19.8	
4959	108 345	Kopenhagen, Pechüle	Armagh Cat. II 2464	45.42	12.3	
4960	84 180	Leipzig, Engelmann	Pulkowa Cat. 1875.0 4285	55.32	35.4	Duplex. Siehe Noten.

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
					1800	+										
4961	+ 60° 1963	7.3	....	7.9	82.5	82.0	19 <sup>h</sup> 29 <sup>m</sup> 56 <sup>s</sup> 35	2	+ 0.8801	- 0.0104	- 0.0007	+ 60° 35' 53" 5	2	7" 669	+ 0" 115	- 0.05
4962	- 10 5135	8.0	8.9	7	73.65	70.0	30 44.58	2	+ 3.2900	- 0.0051	- 0.004	- 10 0 33.5	2	7.734	+ 0.439	- 0.09
4963	» »	»	....	7-8	73.51	70.0	44.59	1	»	»	»	34.8	1	»	»	»
4964	+ 69 1052	8.2	....	...	78.67	77.0	31 31.57	5	- 0.1800	- 0.0356	- 0.016	+ 69 15 23.0	7	7.797	- 0.028	- 0.08
4965	» »	»	....	7-8	.....	77.0	31.80	..	»	»	»	25.4	..	»	»	»
4966	+ 18 4162	6.7	7.5	6.7	72.64	73.0	31 51.42	1	+ 2.6556	+ 0.0003	0.000	+ 18 41 52.1	1	7.824	+ 0.353	- 0.05
4967	- 10 5140	7.1	7	7	73.60	73.0	31 51.50	1	3.2990	- 0.0053	- 0.004	- 10 26 11.3	1	7.824	0.439	- 0.09
4968	- 10 5143	8.2	8.7	8.3	73.60	73.0	32 4.20	1	3.3030	- 0.0054	- 0.004	- 10 37 12.5	1	7.841	0.440	- 0.09
4969	+ 62 1730	7.5	....	7.4	63.68	65.0	32 16.89	2	0.7257	- 0.0135	- 0.008	+ 62 20 12.8	2	7.859	0.094	- 0.05
4970	.....	...	9	8½	80.64	80.0	32 23.43	2	3.8274	- 0.0138	- 0.013	- 31 33 10.9	2	7.867	0.510	- 0.12
4971	+ 21 3854	8.8	....	8.8	77.4	77.0	32 31.68	..	+ 2.5984	+ 0.0005	0.000	+ 21 4 43.8	..	7.878	+ 0.345	- 0.05
4972	+ 69 1053	5.0	....	4.3	78.73	77.0	32 36.33	3	- 0.2067	- 0.0369	- 0.017	+ 69 26 47.8	3	7.884	- 0.031	- 0.08
4973	- 15 5420	6.8	6.7	6.8	75.51	80.0	32 46.27	2	+ 3.4119	- 0.0069	- 0.006	- 15 27 2.9	2	7.898	+ 0.454	- 0.13
4974	+ 20 4210	6.7	....	7	77.5	77.0	32 51.15	..	2.6128	+ 0.0005	0.000	+ 20 30 12.3	..	7.904	0.347	- 0.05
4975	+ 38 3680	6.8	....	6.9	66.59	65.0	32 54.79	2	2.1015	+ 0.0010	0.000	+ 38 18 49.9	2	7.909	0.278	- 0.05
4976	+ 16 3936	6.9	....	6	81.5	80.0	33 46.14	3	2.7139	0.0000	0.000	+ 16 17 11.7	3	7.978	0.360	- 0.06
4977	- 16 5417	9.2	....	9.0	66.64	65.0	34 33.93	2	3.4453	- 0.0076	- 0.007	- 16 56 32.1	2	8.042	0.457	- 0.10
4978	+ 17 4048	4.2	...	4.4	81.5	80.0	35 26.08	2	2.6941	+ 0.0001	0.000	+ 17 11 15.6	2	8.111	0.356	- 0.06
4979	- 15 5438	8.7	9	...	80.65	80.0	35 44.14	1	3.4145	- 0.0072	- 0.006	- 15 38 42.2	1	8.136	0.452	- 0.11
4980	+ 39 3865	8.7	....	8.8	66.74	65.0	35 47.77	2	2.0808	+ 0.0010	0.000	+ 39 3 20.8	2	8.141	0.274	- 0.05
4981	- 16 5421	9.3	8.9	9	66.73	65.0	35 57.07	2	3.4420	- 0.0076	- 0.007	- 16 50 32.5	2	8.153	0.455	- 0.11
4982	.....	...	9.0	9	73.58	73.0	36 15.00	1	3.6468	- 0.0111	- 0.009	- 25 12 16.7	1	8.177	0.482	- 0.15
4983	.....	...	9.7	9.6	76.65	76.0	37 58.07	2	3.7666	- 0.0136	- 0.011	- 29 42 52.7	2	8.314	0.496	- 0.14
4984	- 15 5455	8.7	8	8-9	80.65	80.0	38 7.61	1	3.4075	- 0.0073	- 0.005	- 15 24 32.8	1	8.326	0.448	- 0.11
4985	+ 39 3885	6.8	....	7.2	66.74	65.0	38 46.59	2	2.0638	+ 0.0010	0.000	+ 39 42 0.2	2	8.378	0.270	- 0.05
4986	+ 31 3738	7.8	8	8	64.59	65.0	38 49.86	2	2.3197	+ 0.0012	+ 0.001	+ 31 46 54.9	2	8.382	0.304	- 0.04
4987	.....	...	8.5	7½	73.57	73.0	38 50.65	1	3.6433	- 0.0113	- 0.009	- 25 10 51.4	1	8.383	0.479	- 0.15
4988	+ 16 3986	8.2	....	8	81.5	80.0	39 8.77	1	2.7123	- 0.0001	0.000	+ 16 30 57.2	1	8.408	0.355	- 0.06
4989	+ 61 1889	8.6	....	8.9	82.5	82.0	39 13.46	2	0.8251	- 0.0128	- 0.009	+ 61 37 43.6	..	8.414	0.106	- 0.04
4990	.....	...	8½	8.5	84.7	84.0	40 8.65	4	3.7173	- 0.0129	- 0.010	- 28 2 12.1	4	8.487	0.487	- 0.12
4991	+ 16 3991	9.1	....	9	81.5	80.0	40 17.30	1	2.7037	0.0000	0.000	+ 16 55 39.9	1	8.498	0.353	- 0.06
4992	» »	»	....	...	81.6	80.0	17.37	3	»	»	»	41.8	3	»	»	»
4993	- 17 5748	7.5	....	7½	66.7	66.0	40 29.76	3	3.4510	- 0.0082	- 0.006	- 17 22 27.2	3	8.515	0.452	- 0.12
4994	- 16 5439	8.9	....	9	66.75	66.0	40 46.05	2	3.4377	- 0.0080	- 0.006	- 16 48 29.3	2	8.536	0.450	- 0.11
4995	» »	»	....	...	66.7	66.0	46.19	2	»	»	»	28.2	2	»	»	»
4996	» »	»	....	...	66.74	65.0	46.28	2	»	»	»	31.3	2	»	»	»
4997	+ 33 3582	8.4	8.6	...	73.76	73.0	40 48.38	1	2.2772	+ 0.0013	+ 0.001	+ 33 18 52.5	1	8.539	0.297	- 0.04
4998	+ 17 4084	8.9	....	9	81.5	80.0	41 8.69	2	2.6969	0.0000	0.000	+ 17 14 51.4	2	8.566	0.352	- 0.06
4999	- 16 5440	8.5	8	8-9	66.73	65.0	41 25.56	2	3.4295	- 0.0079	- 0.006	- 16 28 17.6	2	8.589	0.448	- 0.11
5000	+ 33 3587	5.4	5	...	73.60	73.0	41 40.74	1	2.2749	+ 0.0013	+ 0.001	+ 33 26 17.3	1	8.608	0.296	- 0.04

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
4961	110 195	Albany, Tucker	Helsingfors A. G. C. 10574	56 <sup>s</sup> 41	54 <sup>m</sup> 9	
4962	84 235	Berlin, Knorre	M <sub>1</sub> 21014	44.51	27.2	
4963	84 244	Berlin	Santini, 2163	44.89	33.2	
4964	94 283	Berlin, Schmidt	Christiania A. G. C. 3039	31.57	25.2	
4965	94 283	Kremsmünster	Fedorenko 3227	32.22	53.8	Decl. bei Fedorenko + 69° 14' 53", 8.
4966	88 136	Wien, Holetschek	Armagh Cat. II 2473	51.44	51.5	A. N. um + 1' corrigirt. Siehe Noten.
4967	84 180	Leipzig, Engelmann	Cordoba G. C. 26902	51.32	8.4	Duplex praec. bor. Siehe Noten.
4968	84 180	Leipzig, Engelmann	Pulkowa Cat. 1875.0 4301	4.07	13.5	Duplex. Siehe Noten.
4969	69 75	Berlin, Romberg	Helsingfors A. G. C. 10600	16.83	13.6	
4970	98 143	Pola, J. Palisa	Cordoba G. C. 26917	23.42	9.1	
4971	90 365	Strassburg, Schur	B. B. VI 3854	31.57	46.6	Berlin A. G. C. B. 7158, 31 <sup>s</sup> .75, 41 <sup>m</sup> .8; 8m.8.
4972	94 283	Berlin, Schmidt	Christiania A. G. C. 3041	36.10	51.7	E. B. $\left\{ \begin{array}{l} +0^s.0973 - 1^m.766 \text{ n. Christ. A. G. C.} \\ +0.0975 - 1.768 \text{ » St. A. N. 125, 414} \\ +0.100 - 1.76 \text{ » Porter Pr. M. 1087} \end{array} \right\} \sigma \text{ Draconis.}$
4973	88 25	Berlin, Becker	Cordoba G. C. 26925	46.24	1.9	
4974	90 365	Strassburg, Schur	Rümker 7717	51.33	11.2	
4975	69 75	Berlin, Romberg	Lund A. G. Z. 307 u. 311	54.80	48.7	Berlin A. G. C. B. 7162, 51 <sup>s</sup> .23, 8 <sup>m</sup> .5; 6m.8.
4976	108 345	Kopenhagen, Pechüle	Rümker 7737	45.98	14.0	
4977	69 75, 67 347, 69 39	Berlin, Romberg	Arg.-Weiss 15617	33.66	32.0	A. N. 67 Decl. um 0".5 südlicher.
4978	108 339 u. 345	Kopenhagen, Pechüle	Greenw. 10 Y. Cat. 3227	26.05	15.4	$\beta$ Sagittae E. B. — 0 <sup>s</sup> .0008 — 0 <sup>m</sup> .044 nach Greenw. Cat.
4979	98 143	Pola, J. Palisa	Rümker 7781	44.03	44.5	Rümker um + 10' corrigirt, wie auch B. D. verlangt.
4980	69 75	Berlin, Romberg	Lund A. G. Z. 36 u. 284	47.64	20.1	
4981	69 75	Berlin, Romberg	Arg.-Weiss 15631	56 87	30.0	
4982	88 136	Wien, Holetschek	Cordoba Z. C. 1547	15.07	25.3	Siehe Noten
4983	90 203, 89 357	Leipzig	Gill-Kapteyn Phot. D. M.	58.2	42' 8	
4984	98 143	Pola, J. Palisa	Arg.-Weiss 15660	7.51	32 <sup>m</sup> 7	
4985	69 75	Berlin, Romberg	Lund A. G. Z. 287 u. 290	46.57	59.6	
4986	69 75	Berlin, Romberg	Leiden A. G. Z. 108, 113, 219	49.80	53.9	
4987	88 136	Wien, Holetschek	Cordoba G. C. 27069	50.59	47.4	
4988	108 345	Kopenhagen, Pechüle	Weisse, 1234, B. Z. 311	9.02	55.6	
4989	110 195	Albany, Tucker	Helsingfors A. G. C. 10717	13.40	43.4	
4990	111 126	Cordoba	B. B. VI p. 362 Nr. 89	8.70	14.6	Siehe Noten.
4991	108 345	Kopenhagen, Pechüle	Weisse, 1270, B. Z. 431	17.42	41.0	
4992	111 91	Königsberg, Rahts	.....	.....	.....	
4993	68 379, 78 64	Königsberg	Cordoba G. C. 27103	29.44	26.3	
4994	69 379	Leiden, Kam u. v. [Hennekeler]	Argel-Weiss 15692	46.20	28.2	
4995	68 379, 78 63	Königsberg	.....	.....	.....	
4996	69 75	Berlin, Romberg	.....	.....	.....	
4997	84 180	Leipzig, Engelmann	Leiden A. G. Z. 222, 372	48.52	51.4	Duplex. Siehe Noten.
4998	108 345	Kopenhagen, Pechüle	Weisse, 1290, B. Z. 308	9.27	49.8	Siehe Noten.
4999	69 75	Berlin, Romberg	Argel-Weiss 15700	25.93	13.9	Radcliffe Cat. 1890.0 5291, 25 <sup>s</sup> .78, 17 <sup>m</sup> .3; 8-9m.
5000	84 181	Leipzig, Engelmann	Leiden A. G. Z. 102, 216	40.92	17.1	Duplex. Siehe Noten.

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.			
		NACH			DER				1875.0					1875.0			
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
					1800	+								+			
5001	+ 62°1750	8.4	8	8.1	83.50	83.0	19h 41m 48s 00	2	+ 0s 7552	- 0s 0147	- 0s 0009	+ 62°28' 46" 6	2	8" 618	+ 0" 096	- 0" 024	
5002	- 17 5755	9.2	9.0	9.0	73.62	73.0	42 6.47	1	3.4581	- 0.0085	- 0.006	- 17 44 8.7	1	8.642	0.451	- 0.12	
5003	+ 61 1900	8.4	....	8.6	82.6	82.0	42 26.57	3	0.8448	- 0.0130	- 0.009	+ 61 34 31.6	3	8.669	0.107	- 0.04	
5004	+ 14 4048	7.7	....	8	68.7	68.0	42 54.83	1	2.7552	- 0.0003	0.000	+ 14 44 57.2	1	8.706	0.358	- 0.09	
5005	+ 17 4110	8.2	....	8.2	81.5	80.0	44 23.67	1	2.6904	+ 0.0001	0.000	+ 17 38 36.7	1	8.822	0.348	- 0.09	
5006	» »	»	....	8.3	81.6	80.0	23.74	2	»	»	»	37.3	2	»	»	»	
5007	+ 17 4115	7.2	....	7-8	81.5	80.0	44 37.71	1	2.6963	0.0000	0.000	+ 17 23 45.3	1	8.840	0.349	- 0.09	
5008	- 19 5629	8.5	9	9	75.70	80.0	44 41.96	2	3.4877	- 0.0092	- 0.007	- 19 6 1.9	2	8.846	0.453	- 0.12	
5009	- 10 5203	7.3	....	8	68.7	68.0	45 10.13	2	3.2981	- 0.0062	- 0.004	- 10 40 13.6	2	8.883	0.427	- 0.11	
5010	.. .. .	...	7½	8	84.6	84.0	45 44.73	1	3.6892	- 0.0131	- 0.009	- 27 15 47.0	1	8.928	0.478	- 0.14	
5011	+ 40 3902	5.5	...	5.0	66.80	65.0	46 19.93	1	2.0589	+ 0.0010	0.000	+ 40 16 58.1	1	8.973	0.265	- 0.05	
5012	- 16 5453	9.8	10.5	...	66.73	66.0	46 31.37	1	3.4265	- 0.0083	- 0.005	- 16 30 40.1	1	8.989	0.443	- 0.12	
5013	- 17 5785	8.3	9	9	66.62	65.0	46 39.92	2	3.4368	- 0.0085	- 0.005	- 16 58 0.9	2	8.999	0.444	- 0.12	
5014	- 7 5092	8.0	....	8	69.7	70.0	46 43.14	3	3.2348	- 0.0054	- 0.003	- 7 45 2.5	3	9.004	0.418	- 0.10	
5015	+ 18 4276	6.6	....	7	81.5	80.0	46 47.33	2	2.6760	+ 0.0001	0.000	+ 18 21 6.9	2	9.010	0.345	- 0.09	
5016	.....	...	....	6.4	83.76	83.0	46 48.46	3	3.6103	- 0.0117	- 0.008	- 24 15 2.9	3	9.011	0.466	- 0.14	
5017	+ 18 4283	8.0	8.3	7.9	73.55	70.0	47 4.54	4	2.6747	+ 0.0002	0.000	+ 18 25 12.7	3	9.033	0.344	- 0.06	
5018	.....	...	9.5	10½	73.54	73.0	47 26.06	1	3.6250	- 0.0121	- 0.008	- 24 51 58.9	1	9.060	0.468	- 0.14	
5019	- 16 5454	7.8	....	8-9	66.7	66.0	47 34.37	2	3.4195	- 0.0083	- 0.005	- 16 14 14.8	2	9.071	0.441	- 0.12	
5020	.....	...	9-10	9½	80.64	80.0	47 47.90	2	3.6102	- 0.0118	- 0.008	- 24 17 46.0	2	9.089	0.465	- 0.14	
5021	+ 40 3933	7.9	....	8	66.79	65.0	49 36.79	1	2.0440	+ 0.0010	0.000	+ 40 54 9.1	1	9.230	0.261	- 0.05	
5022	- 16 5461	8.2	....	8.0	67.7	70.0	49 39.82	1	3.4339	- 0.0087	- 0.005	- 16 56 44.6	1	9.234	0.440	- 0.12	
5023	» »	»	8.9	8-9	66.61	65.0	39.86	4	»	»	»	41.5	4	»	»	»	
5024	- 18 5540	9.4	10	...	75.66	80.0	49 45.58	2	3.4766	- 0.0095	- 0.005	- 18 49 13.1	2	9.241	0.446	- 0.15	
5025	- 17 5803	9.5	10-11	...	66.59	66.0	50 9.47	1	3.4342	- 0.0088	- 0.005	- 16 58 42.4	1	9.272	0.440	- 0.12	
5026	.....	...	9.5	8½	73.53	73.0	50 27.27	1	3.6189	- 0.0123	- 0.008	- 24 46 7.9	1	9.295	0.464	- 0.14	
5027	+ 18 4314	8.9	....	...	81.5	80.0	50 33.73	2	2.6701	+ 0.0002	+ 0.001	+ 18 45 8.8	2	9.303	0.341	- 0.07	
5028	- 16 5469	7.3	8	8	66.74	65.0	51 5.12	2	3.4182	- 0.0086	- 0.005	- 16 18 7.0	2	9.344	0.437	- 0.12	
5029	» »	»	....	8	66.7	66.0	5.22	2	»	»	»	7.2	2	»	»	»	
5030	- 16 5473	8.7	....	8-9	66.7	66.0	52 5.53	3	3.4189	- 0.0087	- 0.005	- 16 22 13.9	3	9.422	0.436	- 0.12	
5031	+ 19 4229	3.8	....	3.8	81.5	80.0	53 11.81	1	2.6634	+ 0.0002	+ 0.001	+ 19 9 13.6	1	9.507	0.338	- 0.07	
5032	- 16 5478	7.1	....	7	66.7	66.0	53 23.98	3	3.4147	- 0.0087	- 0.005	- 16 13 31.0	3	9.523	0.434	- 0.12	
5033	» »	»	7	...	66.73	65.0	24.10	2	»	»	»	35.7	2	»	»	»	
5034	- 16 5481	8.7	....	9	66.7	70.0	54 4.80	2	3.4293	- 0.0091	- 0.005	- 16 54 24.0	2	9.575	0.435	- 0.15	
5035	» »	»	...	9	66.62	66.0	4.91	2	»	»	»	23.2	2	»	»	»	
5036	» »	»	9	...	66.62	65.0	4.96	2	»	»	»	21.7	2	»	»	»	
5037	+ 22 3881	9.0	8.2	...	71.22	70.0	54 41.81	4	2.5896	+ 0.0007	+ 0.001	+ 22 21 56.0	5	9.623	0.327	- 0.09	
5038	- 19 5680	7.3	....	8	69.65	70.0	54 46.03	3	3.4862	- 0.0102	- 0.005	- 19 26 33.0	3	9.628	0.442	- 0.14	
5039	- 12 5621	8.8	9	9.3	64.65	65.0	55 23.40	4	3.3276	- 0.0074	- 0.004	- 12 18 5.2	4	9.676	0.421	- 0.12	
5040	- 12 5623	7.8	8.9	9	64.67	65.0	55 32.21	2	3.3249	- 0.0073	- 0.004	- 12 10 45.4	..	9.687	0.420	- 0.12	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5001	108 5, 111 92	Königsberg, Rahts	Helsingfors A. G. C. 10760	47 <sup>s</sup> 81	44 <sup>"</sup> 7	Arg.-Weiss 15704, 6 <sup>s</sup> .58, 0 <sup>"</sup> .2; 9 <sup>m</sup> .
5002	88 136 u. 188	Wien, Holetschek	B. B. VI p. 362 Nr. 92	6.65	3.6	
5003	110 195	Albany, Tucker	Helsingfors A. G. C. 10771	26.77	32.0	
5004	78 169	Warschau	Glasgow Cat. I 4908	54.66	53.7	
5005	108 345	Kopenhagen, Pechüle	B. B. VI 4110	23.58	38.5	
5006	111 91	Königsberg, Rahts	Pulkowa Cat. 1875.0 4358	23.69	37.7	
5007	108 345	Kopenhagen, Pechüle	Brüssel Cat. 8403	37.72	45.4	
5008	88 25	Berlin, Knorre	Arg.-Weiss 15733	42.01	57.0	
5009	78 169	Warschau	M <sub>1</sub> 22049	10.09	8.4	
5010	110 203	Cap	Cordoba G. C. 27218	44.64	48.5	Cap verbunden mit A. Ö. 20039 u. Yarn. 8540
5011	69 75	Berlin, Romberg	Yarnall 8749	19.86	57.3	Bonn A. G. C. 13451, 20 <sup>s</sup> .00, 56 <sup>"</sup> .5; 6 <sup>m</sup> .0.  E. B. + 0 <sup>s</sup> .004 + 0 <sup>"</sup> .05 nach Greenw. Cat. { E. B. — 0 <sup>s</sup> .009 — 0 <sup>"</sup> .53 (genähert) A. N. 107 273 » — 0.0077 — 0.430 Stumpe A. N. 125, 414 » — 0.010 — 0.45 Porter Pr. M. 1099
5012	69 102	Leipzig	B. D. 5453	30.5	30' 3	
5013	69 75, 67 347, 68 111	Berlin, Romberg	M <sub>1</sub> 22132	39.38	5 <sup>"</sup> 5	
5014	76 53	Königsberg, Lorek	M <sub>1</sub> 22138	43.22	3.3	
5015	108 345	Kopenhagen, Pechüle	Greenw. New 7 Y. Cat. 2202	47.27	6.6	
5016	107 274	Madison, Tatlock	Cordoba G. C. 27244	48.40	1.1	
5017	104 197	Leipzig, Engelmann	B. B. VI 4283	4.60	10.7	
5018	88 136	Wien, Holetschek	Markree Cat. Vol. II p. 175	26.0	51' 7	
5019	68 379, 78 64	Königsberg	Arg.-Weiss 15768	34.19	14 <sup>"</sup> 0	
5020	98 143	Pola, J. Palisa	Cordoba Z. C. 1991	47.98	43.7	
5021	69 75	Berlin, Romberg	Weisse, 1609, B. Z. 318	36.69	7.2	Bonn A. G. C. 13517, 36 <sup>s</sup> .75, 9 <sup>"</sup> .1; 7 <sup>m</sup> .9. A. N. vermuthlich identisch mit Yarnall.  A. N. 67 A. R. um 0 <sup>s</sup> .10 kleiner $\delta$ um 10 <sup>"</sup> .0 südlicher. Arg.-Weiss 15805, 27 <sup>s</sup> .77, 45' 58 <sup>"</sup> .4; 8 <sup>m</sup> . Vergl. Note [zu Nr. 4982]
5022	69 156	Washington	Yarnall 8785	39.79	41.3	
5023	69 75, 67 347 u. 68 111	Berlin, Romberg	Arg.-Weiss 15798	39.73	41.4	
5024	88 25	Berlin, Becker	B. D. 5540	46.1	49' 4	
5025	69 102, 67 344	Leipzig, Engelmann	B. D. 5803	8.7	58.8	
5026	83 136	Wien, Holetschek	Cordoba G. C. 27310	27.52	59 <sup>"</sup> 9	
5027	108 345	Kopenhagen, Pechüle	B. D. 4314	32.6	44' 6	
5028	69 75	Berlin, Romberg	Arg.-Weiss 15814	5.27	4 <sup>"</sup> 5	
5029	68 379, 78 64	Königsberg	M <sub>1</sub> 22386	5.08	1.4	
5030	68 379, 78 64	Königsberg	Arg.-Weiss 15827	5.51	8.7	
5031	108 346	Kopenhagen, Pechüle	Pulkowa Cat. 1875.0 4406	11.90	13.9	$\gamma$ Sagittae E. B. + 0 <sup>s</sup> .0030 + 0 <sup>"</sup> .037 nach Pulk. Cat.  Nicht bei Yarnall.  A. N. 67 Decl. 0 <sup>"</sup> .4 südlicher. Berlin A. G. C. B. 7413, 41 <sup>s</sup> .92, 53 <sup>"</sup> .5; 8 <sup>m</sup> .9.
5032	78 64	Königsberg, Lorek	Arg.-Weiss 15842	24.02	29.4	
5033	69 75	Berlin, Romberg	B. B. VI p. 362 Nr. 109	24.03	30.7	
5034	69 156	Washington	Arg.-Weiss 15850	5.11	19.0	
5035	69 379	Leiden, v. Hennekeler	Greenw. New 7 Y. Cat. 2222	4.96	22.7	
5036	69 75, 67 349	Berlin, Romberg	.....	.....	.....	
5037	104 199	Leipzig, Engelmann	Kam 3924, Seite 382	41.81	56.6	
5038	81 74	Berlin	Argel-Weiss 15857	45.76	33.3	
5039	69 75	Berlin, Romberg	Schjellerup 7752	23.35	3.4	
5040	69 75	Berlin, Romberg	Santini, 2212	32.20	43.0	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
5041	— 18° 5576	8.5	8.5	9	75.66	80.0	19 <sup>h</sup> 55 <sup>m</sup> 36 <sup>s</sup> 89	2	+ 3 <sup>s</sup> 4643	—0.0098	—0.005	—18° 31' 5" 8	2	9" 693	+0" 438	—0" 14
5042	+ 42 3554	9.4	....	...	64.7	64.0	55 58.18	..	2.0141	+0.0009	+0.001	+42 8 22.0	..	9.721	0.253	—0.04
5043	.....	...	9	8½	80.59	80.0	56 35.86	3	3.5817	—0.0123	—0.007	—23 34 26.3	3	9.768	0.452	—0.15
5044	— 17 5843	8.9	9	9	66.57	66.0	56 48.36	1	3.4286	—0.0093	—0.004	—16 58 49.3	1	9.784	0.432	—0.14
5045	» »	»	....	...	66.7	70.0	48.36	2	»	»	»	53.1	2	»	»	»
5046	» »	»	9	...	66.60	65.0	48.57	3	»	»	»	50.5	3	»	»	»
5047	.....	...	11	11	80.50	80.0	56 57.23	3	3.5800	—0.0123	—0.007	—23 31 19.2	2	9.796	0.451	—0.15
5048	— 16 5489	9.2	10.0	9	73.63	73.0	56 56.85	1	3.4246	—0.0092	—0.004	—16 48 24.4	1	9.796	0.431	—0.14
5049	» »	»	....	9	69.65	70.0	57.44	3	»	»	»	29.2	3	»	»	»
5050	— 9 5344	8.5	....	9	68.6	68.0	57 13.40	1	3.2683	—0.0065	—0.003	—9 32 43.9	1	9.816	0.411	—0.12
5051	+ 18 4366	8.2	8.0	8.3	72.70	73.0	57 44.15	1	2.6855	+0.0001	+0.001	+18 22 26.5	1	9.855	0.337	—0.07
5052	— 23 411	8.5	....	8½	72.73	70.0	57 57.34	1	3.5659	—0.0121	—0.006	—22 59 4.2	1	9.872	0.448	—0.14
5053	— 16 5498	8.0	....	7½	69.67	70.0	58 15.04	2	3.4217	—0.0093	—0.004	—16 43 32.6	2	9.894	0.430	—0.15
5054	— 16 5499	8.0	9	9.0	66.76	65.0	58 19.65	3	3.4059	—0.0090	—0.004	—16 0 46.1	3	9.900	0.428	—0.15
5055	+ 20 4407	9.3	....	9.3	73.73	73.0	58 23.54	2	2.6441	+0.0004	+0.001	+20 13 4.1	2	9.905	0.331	—0.07
5056	+ 19 4274	8.7	....	...	81.5	80.0	59 7.33	1	2.6683	+0.0003	+0.001	+19 11 35.7	1	9.961	0.333	—0.07
5057	— 21 5617	8.9	9.0	9.0	73.70	73.0	59 15.03	1	3.5236	—0.0114	—0.005	—21 15 36.2	1	9.970	0.442	—0.14
5058	— 13 5574	8.8	9	9	80.65	80.0	59 25.96	1	3.3554	—0.0081	—0.004	—13 43 26.3	1	9.984	0.420	—0.15
5059	+ 43 3469	8.9	....	9	66.75	65.0	59 39.30	2	1.9876	+0.0008	+0.001	+43 6 18.5	2	10.001	0.247	—0.04
5060	— 19 5709	9.2	....	10	69.65	70.0	59 42.15	1	3.4742	—0.0104	—0.005	—19 7 49.6	1	10.004	0.435	—0.14
5061	— 2 5178	8.0	8.5	8	76.67	75.0	59 43.78	1	3.1142	—0.0043	—0.001	—2 4 19.7	1	10.007	0.389	—0.10
5062	— 9 5356	7.5	....	8	68.6	68.0	20 0 8.43	2	3.2612	—0.0065	—0.003	—9 16 17.3	2	10.038	0.407	—0.12
5063	— 21 5621	8.0	8.5	8	73.69	73.0	0 19.91	2	3.5208	—0.0114	—0.005	—21 11 27.1	2	10.052	0.440	—0.14
5064	+ 19 4285	8.3	....	...	81.5	80.0	0 24.73	2	2.6689	+0.0003	+0.001	+19 13 29.8	2	10.058	0.332	—0.07
5065	.....	...	....	...	75.51	80.0	0 29.04	2	2.7772	—0.0005	+0.001	+14 18 43.7	2	10.064	0.346	—0.07
5066	— 18 5604	9.1	9	9.0	75.66	80.0	0 34.80	2	3.4539	—0.0101	—0.005	—18 16 11.0	2	10.071	0.431	—0.14
5067	— 13 5582	9.3	9	9	80.65	80.0	0 54.95	1	3.3550	—0.0082	—0.004	—13 45 17.3	1	10.096	0.418	—0.15
5068	— 19 5721	7.0	....	8	69.69	70.0	0 59.65	1	3.4736	—0.0105	—0.005	—19 9 48.6	1	10.102	0.433	—0.14
5069	— 10 5284	7.3	7.8	8.5	64.68	65.0	1 38.85	3	3.2896	—0.0071	—0.003	—10 40 29.6	3	10.152	0.409	—0.12
5070	— 10 5285	6.0	6	8	64.62	65.0	1 41.34	3	3.2843	—0.0070	—0.003	—10 25 20.6	3	10.155	0.409	—0.12
5071	— 15 5565	8.5	8.9	8-9	66.73	65.0	1 45.53	2	3.3979	—0.0091	—0.004	—15 46 27.7	2	10.160	0.423	—0.15
5072	— 10 5288	8.5	8.9	9	64.67	65.0	2 18.95	2	3.2933	—0.0072	—0.003	—10 52 11.0	2	10.202	0.409	—0.12
5073	+ 19 4295	8.0	....	8	81.5	81.0	2 48.60	1	2.6571	+0.0004	+0.001	+19 51 26.9	1	10.239	0.329	—0.07
5074	» »	»	....	7-8	81.6	81.0	48.61	3	»	»	»	26.3	3	»	»	»
5075	.....	...	8	8½	80.66	75.0	2 56.54	3	3.6152	—0.0138	—0.007	—25 17 25.5	3	10.249	0.449	—0.15
5076	.....	...	....	5.8	77.72	75.0	2 59.15	3	3.9198	—0.0216	—0.011	—36 24 53.9	3	10.252	0.487	—0.19
5077	— 13 5593	8.0	8	8-9	80.65	80.0	3 3.13	1	3.3461	—0.0082	—0.003	—13 24 41.1	1	10.257	0.415	—0.15
5078	+ 63 1593	6.5	7.0	6.0	73.80	73.0	3 9.80	1	0.7656	—0.0182	—0.012	+63 31 49.5	1	10.266	0.091	—0.05
5079	— 10 5295	8.9	9	...	64.70	65.0	3 21.71	2	3.2776	—0.0070	—0.003	—10 8 39.2	2	10.281	0.406	—0.12
5080	— 22 5352	9.4	9.5	...	75.70	80.0	3 36.90	2	3.5408	—0.0122	—0.006	—22 13 6.2	2	10.300	0.439	—0.15



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N
				A.R.	Decl.	
5041	88 25	Berlin, Becker	Arg.-Weiss 15866	36.99	3"0	A. N. 67 A. R. um 0 <sup>s</sup> .12 kleiner, $\delta$ um 0"1 nördlicher. Nicht bei Yarnall.
5042	68 265	Wien	B. D. 3554	55.9	7' 8	
5043	98 143	Pola, J. Palisa	Cordoba Z. C. 2303	35.96	26"7	
5044	69 102, 67 344	Leipzig, Engelmann	Arg.-Weiss 15880	48.46	50.5	
5045	69 156	Washington	.....	.....	.....	
5046	69 75, 67 347	Berlin, Romberg	.....	.....	.....	
5047	98 143	Pola, J. Palisa	Markree Cat. Vol. I p. 181	57.0	31' 2	
5048	88 136, 88 188	Wien, Holetschek	Arg.-Weiss 15881	57.07	27"7	
5049	81 74	Berlin, Tietjen	Brüssel 8552	57.22	30.4	
5050	78 169	Warschau	M, 22785	13.45	43.8	
5051	88 136	Wien, Holetschek	B. B. VI 4366	44.34	24.9	In Sadl. B. D. S. [54].  A. N. 85 A. R. um + 1 <sup>s</sup> corrigirt. Siehe Noten.
5052	81 74	Berlin	Cordoba G. C. 27499	57.32	6.2	
5053	81 74	Berlin	Cordoba G. C. 27504	15.00	31.9	
5054	69 75	Berlin, Romberg	Arg.-Weiss 15898	19.65	44.0	
5055	86 314, 85 201	Leiden, E. Bakhuyzen	Pulkowa Cat. 1875.0 4438	23.66	1.5	
5056	108 346	Kopenhagen, Pechüle	B. D. 4274	9.0	11' 9	
5057	88 136	Wien, Holetschek	Arg.-Weiss 15911	15.20	33"0	
5058	98 143	Pola, J. Palisa	Santini, 1813	25.87	25.5	
5059	69 75	Berlin, Romberg	Weisse, 1969, B. Z. 320	39.27	17.7	
5060	81 74	Berlin	Gill-Kapteyn Phot. D. M.	42.1	9' 0	
5061	91 217	Pola, J. Palisa	Glasgow Cat. I 4998	43.76	20"8	Duplex. praec. (Cordoba).  Siehe Noten.
5062	78 169	Warschau	Cordoba G. C. 27537	8.36	16.4	
5063	88 136	Wien, Holetschek	Arg.-Weiss 15922	19.66	27.9	
5064	108 346	Kopenhagen, Pechüle	Rümker 7972	24.81	31.8	
5065	88 25	Berlin, Becker	Leiden, Mikrom. Anschluss	30.0	18' 0	
5066	88 25	Berlin, Becker	Yarnall 8899	34.62	8"9	
5067	98 143	Pola, J. Palisa	Weisse, 1498, B. Z. 185	55.31	18.8	
5068	81 74	Berlin	Cordoba G. C. 27554	59.54	50.1	
5069	69 75	Berlin, Romberg	Schjellerup 7825	38.89	29.7	
5070	69 75	Berlin, Romberg	Schjellerup 7826	41.12	20.0	
5071	69 75	Berlin, Romberg	Arg.-Weiss 15941	45.42	26.7	[bunden mit Schj. Cordoba G. C. 27571, 38 <sup>s</sup> .76, 28"9; 7 <sup>m</sup> .4 A.N. 86 ver- Cordoba G. C. 27573, 41 <sup>s</sup> .15, 22"0; 6 <sup>m</sup> .4 Ebenso.
5072	69 75	Berlin, Romberg	M, 23158	18.86	11.1	
5073	108 346	Kopenhagen, Pechüle	Weisse, 19, B. Z. 195	48.42	11.7	
5074	111 291	Königsberg, Rahts	Taylor 9266	48.54	25.8	
5075	110 293	Cap	Cordoba Z. C. 110	56.56	23.0	
5076	92 375	Pola, J. Palisa	Cordoba G. C. 27600	58.97	47.5	
5077	98 143	Pola, J. Palisa	Santini, 1819	3.13	40.3	
5078	84 181	Leipzig, Engelmann	Struve Pos. med. 2423	10.04	48.6	
5079	69 75	Berlin, Romberg	B. D. — 10 <sup>o</sup> 5295	22.0	8' 7	
5080	88 25	Berlin, Knorre	B. D. — 22 <sup>o</sup> 5352	38.1	13.0	

NUM- MER.	NUMMER der nördl. u. süd. Bonner Durchmüs- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DE 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800	+											
5081	+ 63° 1595	8.6	8.7	...	73.60	73.0	20h 3m 54s 26	1	+ 08 7893	- 08 0177	- 08 012	+ 63° 20' 20" 3	1	10" 321	+ 0" 094	- 0" 04	
5082	- 18 5615	8.8	....	9.0	76.77	75.0	4 6.21	2	3.4487	- 0.0103	- 0.004	- 18 11 19.9	2	10.336	0.426	- 0.14	
5083	+ 47 3025	8.1	8	8.1	63.77	65.0	4 8.52	2	1.8359	- 0.0001	0.000	+ 47 10 57.6	2	10.340	0.225	- 0.21	
5084	+ 18 4407	9.0	....	...	68.6	68.0	4 12.79	1	2.6950	+ 0.0001	+ 0.001	+ 18 13 56.2	1	10.345	0.332	- 0.27	
5085	+ 21 4077	8.3	7.8	8.2	73.75	73.0	4 46.50	2	2.6154	+ 0.0007	+ 0.001	+ 21 46 25.6	2	10.386	0.322	- 0.27	
5086	- 5 5181	8.5	....	9.0	69.7	70.0	5 3.96	3	3.1715	- 0.0053	- 0.002	- 4 57 37.5	3	10.409	0.391	- 0.11	
5087	+ 20 4461	7.6	....	7-8	81.5	81.0	5 13.40	2	2.6538	+ 0.0004	+ 0.001	+ 20 7 6.2	2	10.420	0.326	- 0.07	
5088	- 11 5254	7.6	8	8½	64.64	65.0	5 14.36	2	3.2960	- 0.0074	- 0.003	- 11 5 6.9	2	10.422	0.406	- 0.12	
5089	+ 21 4083	8.6	....	9	72.67	72.0	5 27.28	1	2.6216	+ 0.0006	+ 0.001	+ 21 32 28.0	1	10.438	0.322	- 0.07	
5090	» »	»	....	8.7	73.64	73.0	27.32	1	»	»	»	28.3	1	»	»	1	
5091	+ 21 4088	6.0	....	6.0	72.73	70.0	5 53.08	1	2.6230	+ 0.0006	+ 0.001	+ 21 30 17.8	1	10.470	0.322	- 0.07	
5092	» »	»	....	5.5	72.65	72.0	53.15	1	»	»	»	17.2	1	»	»	1	
5093	+ 65 1433	7.0	7.5	...	83.52	83.0	5 57.25	3	0.5183	- 0.0260	- 0.018	+ 65 56 37.9	3	10.475	0.060	- 0.20	
5094	.....	...	9	9	80.64	80.0	6 6.63	2	3.7645	- 0.0179	- 0.008	- 31 16 33.8	2	10.486	0.463	- 0.17	
5095	- 16 5533	9.1	....	...	69.65	70.0	6 40.87	1	3.4122	- 0.0098	- 0.004	- 16 37 56.6	1	10.529	0.419	- 0.15	
5096	- 18 5624	8.0	....	9	75.6	75.0	6 48.77	3	3.4429	- 0.0104	- 0.004	- 18 3 2.2	3	10.539	0.423	- 0.14	
5097	» »	»	8.5	8.8	75.66	80.0	49.23	2	»	»	»	4.1	2	»	»	»	
5098	- 17 5906	7.7	....	8-9	66.58	65.0	6 51.84	3	3.4209	- 0.0100	- 0.004	- 17 2 32.1	2	10.543	0.420	- 0.15	
5099	» »	»	....	8-9	66.8	70.0	51.86	2	»	»	»	33.8	2	»	»	1	
5100	- 10 5322	7.8	7	7	64.68	65.0	7 11.82	3	3.2725	- 0.0071	- 0.002	- 9 59 35.5	3	10.567	0.401	- 0.12	
5101	.....	...	9.5	12	66.60	66.0	7 48.33	1	3.0625	- 0.0038	- 0.001	+ 0 29 27.2	1	10.612	0.374	- 0.07	
5102	- 16 5540	9.0	....	...	69.66	70.0	8 1.17	4	3.4082	- 0.0098	- 0.003	- 16 30 10.7	4	10.628	0.417	- 0.13	
5103	- 10 5327	9.1	9-10	...	80.65	80.0	8 20.35	1	3.2742	- 0.0072	- 0.002	- 10 6 23.4	1	10.652	0.400	- 0.12	
5104	- 15 5597	8.3	....	7½	.....	77.0	8 21.28	..	3.3791	- 0.0092	- 0.003	- 15 9 37.1	..	10.653	0.413	- 0.07	
5105	» »	»	....	8-9	77.64	77.0	21.29	7	»	»	»	34.9	8	»	»	»	
5106	» »	»	....	8.3	78.68	77.0	21.36	4	»	»	»	38.6	3	»	»	1	
5107	.....	...	....	8½	67.8	67.0	8 44.85	..	3.5811	- 0.0136	- 0.006	- 24 12 54.4	..	10.682	0.438	- 0.12	
5108	- 19 5758	9.1	9	9.0	74.83	70.0	8 49.27	2	3.4822	- 0.0114	- 0.004	- 19 55 14.4	2	10.688	0.425	- 0.14	
5109	.....	...	9.5	10-11	66.59	66.0	8 55.18	1	3.0595	- 0.0038	- 0.001	+ 0 38 28.4	1	10.694	0.373	- 0.07	
5110	+ 41 3668	6.2	7	6.7	63.75	65.0	10 3.28	2	2.0669	+ 0.0014	+ 0.002	+ 41 43 29.3	2	10.779	0.249	- 0.14	
5111	- 16 5548	9.1	9	9.0	65.58	65.0	10 18.28	1	3.4076	- 0.0100	- 0.003	- 16 34 32.3	1	10.798	0.414	- 0.12	
5112	- 2 5219	9.0	9	...	76.67	75.0	10 51.25	1	3.1166	- 0.0047	- 0.001	- 2 15 34.1	1	10.838	0.378	- 0.11	
5113	+ 21 4132	7.0	7.8	7.8	67.68	65.0	10 53.11	2	2.6200	+ 0.0008	+ 0.002	+ 21 54 13.8	2	10.840	0.317	- 0.07	
5114	+ 21 4133	7.0	8	...	67.69	65.0	10 58.42	2	2.6176	+ 0.0008	+ 0.002	+ 22 0 49.5	2	10.847	0.316	- 0.07	
5115	+ 1 4248	8.5	9.5	9	66.59	66.0	11 3.92	1	3.0507	- 0.0037	0.000	+ 1 5 39.2	1	10.854	0.370	- 0.07	
5116	+ 20 4500	7.0	7.8	...	67.70	65.0	11 4.59	2	2.6402	+ 0.0006	+ 0.002	+ 21 1 18.4	2	10.854	0.319	- 0.07	
5117	» »	...	....	...	81.5	81.0	4.60	1	»	»	»	18.2	1	»	»	»	
5118	- 18 5646	7.8	....	7-8	.....	72.0	11 34.60	..	3.4423	- 0.0108	- 0.004	- 18 14 39.8	..	10.891	0.417	- 0.14	
5119	+ 47 3059	5.0	....	4	72.79	72.0	11 36.48	1	1.8546	+ 0.0001	+ 0.001	+ 47 19 51.8	8	10.894	0.223	- 0.04	
5120	+ 65 1439	9.1	....	9	81.6	81.0	11 44.63	3	0.5678	- 0.0259	- 0.018	+ 65 51 57.0	3	10.904	0.046	- 0.06	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
5081	84 181	Leipzig, Engelmann	Pulkowa Cat. 1875.0 4480	54.27	22"0	A. N. A. R. um +1 <sup>m</sup> corrigirt. Siehe Noten.
5082	94 309	Berlin, Tietjen	Arg.-Weiss 15960	6.30	18.0	
5083	69 75	Berlin, Romberg	B. B. VI 3025	8.27	56.2	Bonn A. G. C. 13806, 8 <sup>s</sup> .32, 55"3; 8 <sup>m</sup> .2.
5084	78 169	Warschau	Rümker 8052	12.63	52.5	
5085	84 181	Leipzig, Engelmann	Berlin A. G. C. B. 7520	46.53	24.5	Dupl. praec. Siehe Noten.
5086	76 55	Königsberg, Lorek	Struve Pos. Med. 2424	4.10	31.8	
5087	108 346	Kopenhagen, Pechüle	Weisse, 91, B. Z. 437	13.94	8.6	Berlin A. G. C. B. 7528, 13 <sup>s</sup> .40, 5"0; 7 <sup>m</sup> .0. [B. Z. um +1 <sup>m</sup> corrigirt.]
5088	69 75	Berlin, Romberg	Cordoba G. C. 27660	14.17	9.9	
5089	81 155	Leiden, Valentiner	Weisse, 149, B. Z. 302	27.67	29.5	
5090	85 201	Leiden, E. Bakhuyzen	Berlin A. G. C. B. 7531	27.38	27.2	
5091	81 74	Berlin	Pulkowa Cat. 1875.0 4492	53.14	17.1	Siehe Noten.
5092	81 156	Leiden, Valentiner	Berlin A. G. C. B. 7538	53.16	17.3	
5093	108 7	Königsberg, Rahts	Christiania A. G. C.	57.16	36.8	
5094	98 143	Pola, J. Palisa	Cordoba G. C. 27684	6.51	33.2	
5095	81 74	Berlin	B. D. — 16° 5533	41.1	37'8	A. N. 67 A. R. um 0 <sup>s</sup> .07 grösser.
5096	88 59	Wien	M <sub>1</sub> 23483	48.72	4"3	
5097	88 25	Berlin, Becker	M <sub>2</sub> 9920	49.31	4.0	
5098	69 75, 67 347	Berlin, Romberg	Arg.-Weiss 15990	51.73	32.0	
5099	69 156, 69 39	Washington	.....	.....	.....	A. N. 67 A. R. um 0 <sup>s</sup> .12 kleiner.
5100	69 75	Berlin, Romberg	Santini, — 10° 423	11.67	36.5	
5101	69 102, 67 344	Leipzig, Engelmann	Harvard Zones 67 u. 68 [Nr. 37]	48.38	28.9	
5102	81 74	Berlin	B. D. — 16° 5540	1.1	30'3	
5103	98 143	Pola, J. Palisa	B. D. — 10° 5327	20.0	6.5	Duplex sequens.
5104	94 285	Kremsmünster	Cordoba G. C. 27737	21.28	36"3	
5105	91 257	Königsberg, Franz	Arg.-Weiss 16002	21.30	29.5	
5106	94 285	Berlin	Pulkowa Cat. 1875.0 4510	21.32	36.8	
5107	71 235	Washington	Cordoba G. C. 27745	44.69	53.3	Scheinb. Acq. 1867 Juli 30 Red. — 3 <sup>s</sup> .162 — 17".38.
5108	86 213	Berlin, Knorre	Arg.-Weiss 16007	48.88	13.1	
5109	69 102, 67 344	Leipzig, Engelmann	Leiden, Mikr. Anschluss	52...	38'6	Siehe Noten.
5110	69 75	Berlin, Romberg	Pulkowa Cat. 1875.0 4519	3.02	28"7	
5111	69 75	Berlin, Romberg	Arg.-Weiss 16020	18.08	29.4	Berlin A. G. C. B. 7599, 53 <sup>s</sup> .10, 13"3; 6 <sup>m</sup> .7.
5112	91 217	Pola, J. Palisa	B. D. — 2° 5219	51.4	15'5	
5113	72 114	Berlin, Romberg	Kam 3971	53.01	13"6	
5114	72 114	Berlin, Romberg	Kam 3972	58.42	47.9	
5115	69 102, 67 344	Leipzig, Engelmann	Albany A. G. C.	3.87	40.1	M <sub>1</sub> 23768, 3 <sup>s</sup> .85, 41"3; 9 <sup>m</sup> . Siehe Noten.
5116	72 114	Berlin, Romberg	Rümker 8153	4.37	16.8	
5117	108 346	Kopenhagen, Pechüle	Kam 3973	4.66	17.0	{ Pulk. Obs. Vol. VIII, p. 300, 2931, 36 <sup>s</sup> .47, 52"1; 4 <sup>m</sup> .4. S. N. Bonn A. G. C. 13975, 36 <sup>s</sup> .53, 49"8; 5 <sup>m</sup> .0.
5118	80 180	Berlin	Arg.-Weiss 16037	34.48	37.1	
5119	81 366	Leipzig, Engelmann	Arg.-Oeltzen 20286	36.48	53.4	
5120	111 92	Königsberg, Rahts	Arg.-Oeltzen 20313	44.54	55.0	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800	+											
5121	+ 21°4141	7.7	8	8	67.78	65.0	20h 11m 55s.45	2	+ 2.6335	+0.0007	+0.0002	+21°21' 54"2	2	10"917	+0"318	— 0"08	
5122	— 14 5708	7.6	....	7.6	77.61	77.0	12 2.09	8	3.3659	—0.0092	—0.003	—14 40 42.9	7	10.925	0.407	— 0.14	
5123	— 20 5827	8.9	8.5	8-9	75.70	80.0	12 4.33	1	3.4794	—0.0117	—0.004	—19 57 ....	..	10.928	0.421	— 0.15	
5124	» »	»	8.9	9	74.82	70.0	4.38	3	»	»	»	42.5	3	»	»	»	
5125	— 19 5777	9.0	....	8.4	76.76	76.0	12 10.69	3	3.4696	—0.0115	—0.004	—19 31 27.1	3	10.935	0.419	— 0.15	
5126	+ 41 3687	8.0	8	8	64.16	65.0	12 36.91	2	2.0842	+0.0015	+0.002	+41 26 7.3	2	10.967	0.250	— 0.05	
5127	— 15 5619	8.0	....	8	77.63	77.0	12 50.78	7	3.3805	—0.0096	—0.003	—15 24 21.1	8	10.984	0.408	— 0.14	
5128	— 15 5621	8.7	....	9.0	76.79	76.0	13 4.56	3	3.3818	—0.0096	—0.003	—15 28 40.2	3	11.001	0.408	— 0.14	
5129	+ 20 4514	7.8	....	...	81.5	81.0	13 20.84	1	2.6475	+0.0006	+0.002	+20 49 14.1	1	11.021	0.318	— 0.08	
5130	— 9 5432	9.1	9	9	64.64	65.0	13 23.71	2	3.2612	—0.0073	—0.002	— 9 36 11.1	2	11.024	0.393	— 0.15	
5131	— 17 5947	7.8	....	8	66.7	70.0	13 48.44	2	3.4180	—0.0105	—0.004	—17 13 21.1	2	11.055	0.411	— 0.15	
5132	+ 15 4129	9.0	....	10	66.58	66.0	13 50.10	2	2.7620	—0.0003	+0.002	+15 32 40.9	2	11.057	0.331	— 0.08	
5133	.....	...	....	...	67.7	67.0	13 50.62	..	3.5708	—0.0140	—0.005	—24 5 3.6	..	11.057	0.430	— 0.16	
5134	— 17 5949	8.6	...	8.7	66.7	70.0	13 53.28	2	3.4151	—0.0104	—0.004	—17 5 21.1	2	11.061	0.411	— 0.15	
5135	» »	»	9	8-9	67.71	65.0	53.56	2	»	»	»	20.5	2	»	»	»	
5136	— 15 5629	3	....	3.0	78.66	77.0	13 59.24	7	3.3746	—0.0096	—0.003	—15 10 29.8	8	11.068	0.406	— 0.14	
5137	» »	»	....	3.2	76.79	76.0	59.26	2	»	»	»	28.6	2	»	»	»	
5138	» »	»	3.4	3.2	66.82	65.0	59.31	2	»	»	»	27.2	2	»	»	»	
5139	+ 15 4133	8.7	....	9	66.65	66.0	14 1.71	2	2.7549	—0.0002	+0.002	+15 53 21.7	2	11.071	0.330	— 0.08	
5140	— 19 5793	9.0	....	8.4	76.79	76.0	14 20.39	..	3.4660	—0.0116	—0.004	—19 28 10.4	..	11.093	0.416	— 0.15	
5141	+ 12 4294	8.7	....	...	74.85	75.0	14 21.37	2	2.8296	—0.0010	+0.001	+12 17 30.0	2	11.095	0.339	— 0.08	
5142	— 1 3959	8.8	9	8.8	66.66	65.0	14 25.65	2	3.1082	—0.0047	—0.001	— 1 50 58.2	2	11.100	0.373	— 0.11	
5143	+ 15 4137	7.0	....	7	66.64	66.0	14 28.37	..	2.7708	—0.0004	+0.002	+15 8 59.4	..	11.103	0.332	— 0.08	
5144	— 0 3977	8.1	8.5	8.1	66.58	65.0	14 32.74	2	3.0781	—0.0042	0.000	— 0 17 56.8	2	11.108	0.369	— 0.11	
5145	+ 16 4227	8.8	....	9	66.54	66.0	14 47.36	2	2.7498	—0.0002	+0.002	+16 10 5.0	2	11.126	0.329	— 0.08	
5146	+ 15 4138	8.2	....	8	66.64	66.0	14 53.41	2	2.7613	—0.0003	+0.002	+15 37 16.9	2	11.133	0.330	— 0.08	
5147	— 17 5954	8.0	9	9	67.86	65.0	15 5.80	2	3.4157	—0.0105	—0.003	—17 10 28.6	2	11.149	0.409	— 0.14	
5148	+ 15 4139	8.6	....	9	66.53	66.0	15 6.18	2	2.7553	—0.0002	+0.002	+15 55 8.0	2	11.149	0.329	— 0.08	
5149	— 16 5575	7.2	8	8	65.75	65.0	15 9.77	2	3.3913	—0.0100	—0.003	—16 1 13.5	2	11.153	0.406	— 0.14	
5150	+ 26 3871	8.3	....	...	63.80	65.0	15 14.52	2	2.5222	+0.0014	+0.002	+26 20 34.0	2	11.159	0.301	— 0.07	
5151	— 15 5640	8.9	8	9.3	67.69	65.0	15 35.30	2	3.3696	—0.0096	—0.002	—15 0 9.5	2	11.184	0.403	— 0.14	
5152	+ 27 3700	8.4	....	...	63.81	65.0	15 46.09	2	2.5067	+0.0015	+0.002	+27 1 5.4	2	11.197	0.295	— 0.07	
5153	+ 22 4028	7.2	7.3	7.2	73.75	73.0	16 5.05	2	2.6143	+0.0009	+0.002	+22 27 11.8	2	11.220	0.311	— 0.08	
5154	— 17 5959	9.2	9	...	75.69	80.0	16 8.56	4	3.4239	—0.0108	—0.003	—17 36 42.6	2	11.225	0.409	— 0.14	
5155	— 16 5587	8.0	8.9	8.4	65.75	65.0	16 8.68	2	3.3939	—0.0101	—0.003	—16 11 15.9	2	11.225	0.405	— 0.12	
5156	+ 1 4274	9.5	9	...	66.57	66.0	16 15.29	1	3.0320	—0.0035	0.000	+ 2 4 58.0	1	11.232	0.362	— 0.10	
5157	+ 20 4533	8.0	....	8.4	81.5	81.0	16 19.60	1	2.6471	+0.0007	+0.002	+21 0 21.7	1	11.238	0.315	— 0.08	
5158	— 11 5313	8.8	9	...	80.65	80.0	16 20.93	1	3.2931	—0.0080	—0.001	—11 16 53.7	1	11.239	0.393	— 0.15	
5159	— 14 5732	7.0	....	7.0	77.67	77.0	16 26.69	6	3.3617	—0.0095	—0.002	—14 39 18.4	7	11.246	0.401	— 0.14	
5160	+ 12 4307	8.4	8.0	8.1	73.70	73.0	16 51.59	2	2.8182	—0.0008	+0.002	+12 56 35.1	2	11.276	0.335	— 0.08	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5121	72 114	Berlin, Romberg	Kam 3977	55 <sup>s</sup> 32	50 <sup>"</sup> 9	Berlin A. G. C. B. 7611, 55 <sup>s</sup> .49, 52 <sup>"</sup> .4; 7 <sup>m</sup> .7.
5122	91 257	Königsberg, Franz	Pulkowa Cat. 1875.0 4525	2.01	46.9	Epoche der Declin. Beob. in A. N. 77.57.
5123	88 25	Berlin, Knorre	Arg.-Weiss 16040	4.27	39.2	
5124	86 215	Berlin, Knorre	Cincinnati Zones 3375	4.25	42.5	
5125	94 285	Berlin, Tietjen	Cordoba G. C. 27828	10.95	21.4	
5126	69 75	Berlin, Romberg	Lalande 39050-1	36.05	5.6	Bonn A. G. C. 14000, 36 <sup>s</sup> .81, 5 <sup>"</sup> .8; 8 <sup>m</sup> .6.
5127	91 257	Königsberg, Franz	Pulkowa Cat. 1875.0 4527	50.82	23.5	Epoche der Declin. Beob. in A. N. 77.58.
5128	94 289	Berlin, Tietjen	Arg.-Weiss 16057	4 12	38.0	
5129	108 346	Kopenhagen, Pechüle	Rümker 8188	20.67	13.5	Berlin A. G. C. B. 7629, 20 <sup>s</sup> .90, 13 <sup>"</sup> .8; 7 <sup>m</sup> .7.
5130	69 75	Berlin, Romberg	Weisse, 286, B. Z. 102	24.03	12.7	
5121	69 156	Washington	Arg.-Weiss 16066	48.50	16.1	
5132	69 382	Leiden, v. Hennekeler	M <sub>1</sub> 23967	50.17	40.8	
5133	71 235	Washington	Washington M. C. Zones 138	50.57	5.6	Scheinb. Aeq. 1867 Juli 24 Red. — 3 <sup>s</sup> .099 — 17 <sup>"</sup> .82. S. Not.
5134	69 156	Washington	B. B. VI p. 362 Nr. 18 [Nr. 42]	53.16	17.7	
5135	72 114	Berlin, Romberg	Arg.-Weiss 16069	53.21	17.5	
5136	94 283	Berlin	Pulkowa Cat. 1875.0 4539	59.24	28.6	β Capricorni E. B. + 0 <sup>s</sup> .0008 + 0 <sup>"</sup> .022. Nach F. Cat.
5137	94 289	Berlin, Tietjen	Cordoba G. C. 27880	59.22	27.5	[und Pulkowa Cat.]
5138	69 75	Berlin, Romberg	Auwers F. Cat. der A. G. 608	59.23	28.8	
5139	69 382	Leiden, Kam	M <sub>1</sub> 23979	2.00	20.3	
5140	94 285	Berlin, Tietjen	Yarnall 9038	20.30	9.6	
5141	86 111	Hamburg, Lindstedt	Lalande 39081	21.01	35.3	Siehe Noten.
5142	69 75	Berlin, Romberg	Göttingen Cat. I 5599-0	25.65	59.2	
5143	69 382	Leiden, Kam u. v. [Hennekeler]	Glasgow Cat. I 5088	28.46	56.1	
5144	69 75	Berlin, Romberg	Göttingen Cat. I 5601-2	32.64	58.3	
5145	69 382	Leiden, Kam u. v. [Hennekeler]	M <sub>1</sub> 24046	47.35	3.9	
5146	69 382	Leid., Kam u. v. Hen- [nekeler]	M <sub>1</sub> 24051	53.72	13.6	
5147	72 114	Berl., Romb. [nekeler]	Washington Tr. Zones 196	4.94	26.3	
5148	69 382	Leiden, Kam	M <sub>1</sub> 24070 [Nr. 8]	6.83	7.6	
5149	69 75	Berlin, Romberg	Arg.-Weiss 16084	9.60	12.8	
5150	69 75	Berlin, Romberg	Kam 4004	14.28	33.8	
5151	72 114	Berlin, Romberg	Schjellerup 7982	35.22	8.3	
5152	69 75	Berlin, Romberg	Kam 4005	46.22	5.5	
5153	84 181	Leipzig, Engelmann	Pulkowa Cat. 1875.0 4547	5.17	10.2	Berlin A. G. C. B. 7658, 5 <sup>s</sup> .20, 10 <sup>"</sup> .4; 7 <sup>m</sup> .2.
5154	88 27	Berlin, Becker u. [Knorre]	B. D. — 17 <sup>o</sup> 5959	8.4	36' 9	
5155	69 75	Berlin, Romberg	Cordoba G. C. 27931	8.50	17 <sup>"</sup> 0	
5156	69 102, 67 344	Leipzig, Engelmann	B. D. + 1 <sup>o</sup> 4274	15.8	3' 6	A. N. 67 A. R. um 0 <sup>s</sup> 12 kleiner.
5157	108 346	Kopenhagen, Pechüle	Berlin A. G. C. B. 7660	19.61	20 <sup>"</sup> 4	
5158	98 143	Pola, J. Palisa	Kam 4008	21.19	53.5	
5159	91 258	Königsberg, Franz	Pulkowa Cat. 1875.0 4550	26.73	21.0	Epoche der Declin. Beob. in A. N. 77.60.
5160	84 181	Leipzig, Engelmann	Struve Pos. med. 2463	51.73	35.0	Duplex. Siehe Noten.

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.			
		NACH			DER				1875.0					1875.0			
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
					1800	+											
5161	+ 0°4490	9.3	9.3	10	64.72	65.0	20h 17m 10s 91	1	+ 3.0679	-0.0041	0.000	+ 0°13'30"8	1	11"300	+0"365	- 0.1	
5162	+ 25 4215	7.3	....	7.3	63.60	65.0	17 15.37	2	2.5360	+0.0014	+0.002	+25 53 59.7	2	11.305	0.301	- 0.07	
5163	- 10 5376	9.0	9	9	76.67	75.0	17 26.42	1	3.2743	-0.0077	-0.001	-10 22 25.3	1	11.318	0.389	- 0.13	
5164	+ 0 4491	8.2	8	8.5	64.69	65.0	17 29.49	2	3.0699	-0.0041	0.000	+ 0 7 17.8	2	11.322	0.365	- 0.1	
5165	+ 26 3884	8.5	9	8.5	64.61	65.0	17 36.20	3	2.5406	+0.0014	+0.002	+26 43 47.9	3	11.330	0.301	- 0.07	
5166	- 10 5382	10	10	...	80.65	80.0	17 56.96	1	3.2825	-0.0079	-0.001	-10 48 11.1	1	11.355	0.390	- 0.13	
5167	- 15 5656	8.3	....	8.3	77.61	77.0	18 17.83	5	3.3718	-0.0098	-0.002	-15 13 18.8	5	11.380	0.400	- 0.14	
5168	+ 0 4496	6.9	6.7	...	65.20	65.0	18 20.37	2	3.0537	-0.0039	0.000	+ 0 57 59.9	2	11.383	0.362	- 0.11	
5169	- 14 5737	9.1	....	9	76.76	76.0	18 36.66	3	3.3620	-0.0096	-0.002	-14 45 34.0	3	11.403	0.398	- 0.14	
5170	+ 15 4150	8.1	8	8	64.81	65.0	18 43.66	2	2.7710	-0.0015	+0.002	+15 19 28.0	2	11.411	0.317	- 0.08	
5171	» »	»	....	9	66.60	66.0	43.76	2	»	»	»	28.9	2	»	»	»	
5172	.....	...	....	9½	72.75	70.0	18 47.03	1	3.5991	-0.0153	-0.004	-25 36 22.7	1	11.415	0.426	- 0.17	
5173	- 15 5659	9.2	9.5	...	76.63	76.0	18 49.50	3	3.3673	-0.0098	-0.002	-15 1 45.5	3	11.418	0.399	- 0.14	
5174	- 15 5663	7.4	....	7.4	77.59	77.0	19 3.24	3	3.3745	-0.0099	-0.002	-15 23 7.0	3	11.435	0.399	- 0.14	
5175	+ 37 3916	6.0	6	6.0	.....	83.0	19 3.74	..	2.2424	+0.0021	+0.003	+37 4 24.8	..	11.435	0.264	- 0.05	
5176	- 14 5740	8.8	9	9	66.84	65.0	19 5.30	2	3.3603	-0.0096	-0.002	-14 41 31.4	2	11.437	0.398	- 0.14	
5177	- 14 5741	8.0	....	8.0	77.66	77.0	19 18.77	5	3.3514	-0.0094	-0.002	-14 16 9.2	3	11.453	0.396	- 0.14	
5178	- 12 5727	8.2	7.8	8	66.73	65.0	19 23.78	2	3.3180	-0.0087	-0.002	-12 37 23.9	2	11.459	0.392	- 0.13	
5179	+ 26 3891	8.5	9	8.5	64.57	65.0	19 28.65	2	2.5203	+0.0018	+0.002	+26 42 45.6	2	11.465	0.297	- 0.07	
5180	+ 21 4203	6.9	....	7.2	63.80	65.0	19 39.68	2	2.6496	+0.0008	+0.002	+21 5 1.6	2	11.478	0.312	- 0.08	
5181	+ 23 4014	9.0	9	9	63.81	65.0	19 57.94	2	2.5864	+0.0012	+0.002	+23 55 23.1	2	11.500	0.304	- 0.07	
5182	.....	...	7	6.6	.....	80.0	19 58.75	3	3.7371	-0.0194	-0.006	-31 15 33.9	3	11.501	0.441	- 0.18	
5183	- 17 5979	8.5	....	8-9	75.6	75.0	20 1.23	..	3.4177	-0.0110	-0.002	-17 30 27.6	..	11.504	0.403	- 0.15	
5184	- 19 5820	9.4	10-11	...	76.58	75.0	20 12.92	1	3.4580	-0.0119	-0.003	-19 24 51.9	1	11.518	0.408	- 0.15	
5185	- 12 5731	7.5	8	8.5	66.74	65.0	20 16.05	2	3.3040	-0.0085	-0.001	-11 57 21.5	2	11.522	0.390	- 0.13	
5186	- 19 5821	10	10-11	...	76.59	75.0	20 19.68	1	3.4488	-0.0117	-0.003	-18 59 33.0	1	11.526	0.407	- 0.15	
5187	+ 23 4018	8.8	8.5	8.2	73.76	73.0	20 47.28	2	2.5850	+0.0012	+0.002	+24 2 15.0	2	11.559	0.303	- 0.07	
5188	» »	»	....	9	65.22	65.0	47.50	2	»	»	»	15.7	2	»	»	»	
5189	.....	...	....	...	70.6	70.0	20 48.83	..	3.8594	-0.0233	-0.007	-35 46 26.9	..	11.561	0.455	- 0.20	
5190	- 15 5675	9.1	9	9.0	66.59	65.0	20 52.87	1	3.3757	-0.0098	-0.002	-15 31 32.2	1	11.566	0.397	- 0.14	
5191	- 17 5987	8.6	....	8-9	.....	72.0	21 17.35	..	3.4213	-0.0112	-0.003	-17 44 33.9	..	11.595	0.402	- 0.15	
5192	- 13 5678	9.0	8.9	7.5	66.75	65.0	21 27.29	2	3.3353	-0.0092	-0.002	-13 34 0.5	2	11.607	0.392	- 0.14	
5193	+ 24 4133	9.2	....	8.4	72.72	70.0	21 38.77	2	2.5814	+0.0013	+0.002	+24 15 0.3	2	11.620	0.302	- 0.07	
5194	- 11 5341	8.2	....	8.2	66.8	66.0	21 45.80	3	3.2939	-0.0084	-0.001	-11 30 5.1	3	11.629	0.386	- 0.13	
5195	+ 29 4038	7.5	7.8	...	64.21	65.0	21 52.39	2	2.4446	+0.0019	+0.003	+29 57 33.8	2	11.636	0.285	- 0.08	
5196	- 11 5343	8.5	8.9	8.6	66.77	65.0	21 53.34	2	3.2964	-0.0084	-0.001	-11 38 5.3	2	11.637	0.386	- 0.13	
5197	- 12 5739	7.5	....	8	66.8	66.0	21 55.78	3	3.3064	-0.0086	-0.001	-12 8 15.3	3	11.640	0.388	- 0.14	
5198	+ 14 4304	8.0	....	8.5	66.59	66.0	22 1.18	2	2.7901	-0.0005	+0.002	+14 32 0.1	2	11.647	0.326	- 0.08	
5199	- 15 5683	8.3	....	8.3	77.63	77.0	22 1.63	7	3.3735	-0.0101	-0.002	-15 28 20.8	8	11.647	0.393	- 0.14	
5200	- 11 5344	9.0	9	8.8	66.80	65.0	22 22.11	2	3.2904	-0.0083	-0.001	-11 20 42.6	2	11.672	0.385	- 0.13	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5161	69 75	Berlin, Romberg	Harvard Zones 15 Nr. 71	10 <sup>s</sup> 81	35" 4	Epoche der Declin. Beob. in A. N. 77.53.
5162	69 75	Berlin, Romberg	Armagh Cat. II 2626	15.40	57.9	
5163	91 217	Pola, J. Palisa	M <sub>1</sub> 24251	26.22	23.1	
5164	69 75	Berlin, Romberg	Schjellerup 8008	29.43	17.7	
5165	69 75	Berlin, Romberg	B. B. VI 3884	36.64	50.2	
5166	98 143	Pola, J. Palisa	B. D. — 10° 5382	56.6	48' 4	
5167	91 257	Königsberg, Franz	Pulkowa Cat. 1875.0 4555	17.79	21" 8	
5168	69 75	Berlin, Romberg	Albany A. G. C.	20.39	58.3	
5169	94 289	Berlin, Tietjen	Santini, 1848	36.37	30.2	
5170	69 75	Berlin, Romberg	Weisse, 439, B. Z. 192	44.07	29.6	
5171	69 382	Leiden, v. Hennekeler	M <sub>1</sub> 24344	43.82	29.5	Epoche der Declin. Beob. in A. N. 77.53. Lund A. G. Z. 476 u. 536, 3 <sup>s</sup> .88, 25" 4; 7 <sup>m</sup> .1.
5172	81 74	Berlin	Cordoba G. C. 28002	46.88	23.0	
5173	90 203, 89 357	Leipzig	B. D. — 15° 5659	49.4	2' 1	
5174	91 258	Königsberg, Franz	Pulkowa Cat. 1875.0 4558	3.35	9" 4	
5175	109 382	Pulkowa, Romberg	Armagh Cat. II 2633	43.34	25.7	
5176	69 75	Berlin, Romberg	Santini, 1849	4.96	28.3	
5177	91 258	Königsberg, Franz	Pulkowa Cat. 1875.0 4559	18.63	10.0	
5178	69 75	Berlin, Romberg	Santini, 2264	23.43	19.4	
5179	69 75	Berlin, Romberg	Pulkowa Obs. Vol. VIII [p. 349, 1202]	28.61	45.7	
5180	69 75	Berlin, Romberg	Berlin A. G. C. B. 7685	39.55	59.6	
5181	69 76	Berlin, Romberg	Weisse, 691, B. Z. 304	57.75	22.3	Berlin A. G. C. B. 7692, 57 <sup>s</sup> .91, 22" 0; 8 <sup>m</sup> .9. Wahrscheinlich schon in Yarnall's Catalog aufgenommen.
5182	98 143	Pola, J. Palisa	Cordoba G. C. 28032	58.81	30.2	
5183	88 58	Wien	Arg.-Weiss 16140	0.96	25.7	
5184	91 217, 89 61	Pola, J. Palisa	B. D. — 19° 5820	11.1	24' 9	
5185	69 76	Berlin, Romberg	Schjellerup 8042-3	16.03	18" 9	
5186	91 217, 89 61	Pola, J. Palisa	B. D. — 19° 5821	19.8	59' 5	
5187	84 181	Leipzig, Engelmann	Pulkowa Cat. 1875.0 4563	47.46	13" 2	
5188	69 76	Berlin, Romberg	Kam 4026-7	47.36	15.4	
5189	77 15	Washington	Yarnall 9103	48.82	27.4	
5190	69 76	Berlin, Romberg	Arg.-Weiss 16149	52.63	28.4	
5191	80 180	Berlin	Arg.-Weiss 16154	17.08	32.2	A.N. erwähnt Duplex praec. Yarn. 9109 ist sequens. Berlin A. G. C. B. 7708, 38 <sup>s</sup> .78, 15', 1" 3; 8 <sup>m</sup> .9. A.N. 68 380 ist der Ort fehlerhaft; siehe A.N. 69 7 Schj. Dupl. seq. bor. Cordoba G.C. 28081 55 <sup>s</sup> .56, 15" 1; 7 <sup>m</sup> . [Siehe Noten.] Epoche der Declin.-Bestimmung 77.66.
5192	69 76	Berlin, Romberg	Yarnall 9108	27.30	0.3	
5193	81 74	Berlin	Pulkowa Cat. 1875.0 4568	38.74	0.6	
5194	78 64, 69 7 u. 68 380	Königsberg, Lorek	Küstner 551	45.80	2.7	
5195	69 76	Berlin, Romberg	Leiden A. G. Z. 75, 97	52.36	34.0	
5196	69 76	Berlin, Romberg	Schjellerup 8057-8	53.17	5.4	
5197	78 64, 69 7 u. 68 380	Königsberg, Lorek	Schjellerup 8060	55.67	15.7	
5198	69 382	Leiden, Kam u. v. [Hennekeler]	Schjellerup 8066	0.88	59.7	
5199	91 258	Königsberg, Franz	Pulkowa Cat. 1875.0 4570	1.66	24.5	
5200	69 76	Berlin, Romberg	B. B. VI p. 332	21.87	39.8	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle	Beob.	Pos.											
					1800	+											
5201	— 11°5344	9.0	....	9	.....	66.0	20 <sup>h</sup> 22 <sup>m</sup> 22 <sup>s</sup> 18	2	+ 3 <sup>s</sup> 2904	— 0 <sup>s</sup> 0083	— 0 <sup>s</sup> 001	— 11°20' 43"7	2	11"672	+ 0"385	— 0"12	
5202	— 13 5680	7.5	7.8	8.5	66.78	65.0	22 35.47	2	3.3232	— 0.0090	— 0.001	— 13 0 19.7	2	11.687	0.389	— 0.14	
5203	+ 21 4221	7.2	....	7.2	81.5	81.0	22 41.99	2	2.6395	+ 0.0009	+ 0.002	+ 21 43 27.4	2	11.695	0.308	— 0.08	
5204	+ 27 3747	8.8	9	9	65.76	65.0	22 55.06	1	2.5176	+ 0.0017	+ 0.003	+ 27 4 3.7	1	11.711	0.293	— 0.07	
5205	+ 26 3905	8.7	9	9	64.77	65.0	22 55.52	2	2.5193	+ 0.0017	+ 0.003	+ 27 0 0.0	2	11.711	0.293	— 0.07	
5206	— 17 5808	9.3	....	11	72.66	72.0	22 58.42	2	3.4104	— 0.0110	— 0.002	— 17 18 23.0	2	11.715	0.399	— 0.15	
5207	— 11 5346	9.0	....	9	.....	66.0	23 17.14	2	3.2863	— 0.0083	— 0.001	— 11 10 12.3	2	11.737	0.383	— 0.14	
5208	» »	»	9	8.8	66.81	65.0	17.26	2	»	»	»	8.9	2	»	»	»	
5209	— 11 5347	8.5	8	9	66.81	65.0	23 23.92	2	3.2930	— 0.0084	— 0.001	— 11 30 43.1	2	11.745	0.384	— 0.14	
5210	— 12 5747	8.2	8.9	8.5	66.74	65.0	23 29.61	1	3.3068	— 0.0087	— 0.002	— 12 12 56.3	1	11.752	0.386	— 0.14	
5211	+ 21 4228	8.4	....	8.7	81.5	81.0	23 31.55	2	2.6333	+ 0.0010	+ 0.002	+ 22 3 26.8	2	11.754	0.306	— 0.07	
5212	— 8 5380	8.3	8.9	8	64.64	65.0	24 5.63	2	3.2332	— 0.0072	— 0.001	— 8 28 7.6	2	11.794	0.376	— 0.13	
5213	— 10 5414	7.0	....	7.4	66.7	66.0	24 7.31	..	3.2717	— 0.0080	— 0.001	— 10 27 5.7	2	11.796	0.381	— 0.13	
5214	— 11 5351	8.8	....	8.7	66.74	65.0	24 17.41	2	3.2976	— 0.0086	— 0.001	— 11 46 34.7	2	11.808	0.383	— 0.14	
5215	» »	»	....	9	.....	66.0	17.45	4	»	»	»	36.2	4	»	»	»	
5216	+ 10 4303	5.8	....	5.8	64.41	65.0	24 18.97	4	2.8724	— 0.0014	+ 0.001	+ 10 28 44.4	4	11.810	0.333	— 0.09	
5217	.....	...	10-11	...	76.68	75.0	24 21.61	1	3.1159	— 0.0050	0.000	— 2 18 56.7	1	11.813	0.362	— 0.11	
5218	+ 67 1248	8.5	....	8-9	82.7	82.0	24 39.39	2	0.4177	— 0.0347	— 0.027	+ 67 52 20.8	2	11.834	0.044	— 0.07	
5219	» »	»	8.5	...	83.56	83.0	39.43	4	»	»	»	21.7	4	»	»	»	
5220	+ 65 1463	9.2	....	...	81.8	81.0	24 45.34	4	0.7423	— 0.0230	— 0.016	+ 65 9 0.8	4	11.841	0.082	— 0.05	
5221	+ 14 4323	8.5	....	8-9	66.61	66.0	24 46.86	2	2.7999	— 0.0005	+ 0.002	+ 14 10 2.1	2	11.843	0.324	— 0.08	
5222	— 14 5766	8.5	....	8.5	77.66	77.0	24 55.15	7	3.3450	— 0.0099	— 0.002	— 14 11 43.8	5	11.852	0.388	— 0.14	
5223	+ 18 4519	8.7	8.9	8.7	64.75	65.0	24 56.02	2	2.7191	+ 0.0003	+ 0.002	+ 18 7 54.1	2	11.853	0.315	— 0.08	
5224	— 17 6013	8.6	....	8-9	66.7	70.0	25 9.67	1	3.4105	— 0.0112	— 0.002	— 17 25 27.1	2	11.870	0.396	— 0.15	
5225	+ 5 4533	8.9	....	...	64.19	65.0	25 11.14	2	2.9674	— 0.0026	+ 0.001	+ 5 33 35.1	2	11.871	0.344	— 0.10	
5226	— 16 5628	8.6	9	8	75.71	80.0	25 12.34	3	3.3925	— 0.0108	— 0.002	— 16 33 ....	..	11.873	0.394	— 0.15	
5227	» »	»	9	9	74.82	70.0	12.38	2	»	»	»	8.4	2	»	»	»	
5228	— 13 5695	9.1	....	9-10	66.79	66.0	25 36.29	2	3.3226	— 0.0092	— 0.001	— 13 5 44.1	2	11.901	0.385	— 0.14	
5229	— 2 5298	9.1	9-10	9.1	76.67	75.0	25 48.48	1	3.1154	— 0.0051	0.000	— 2 18 0.3	1	11.915	0.360	— 0.12	
5230	— 14 5776	8.3	8	8-9	66.73	65.0	25 52.67	2	3.3397	— 0.0096	— 0.001	— 13 58 3.8	2	11.920	0.386	— 0.14	
5231	— 15 5706	8.9	9	9.0	65.63	65.0	26 0.44	2	3.3703	— 0.0103	— 0.002	— 15 30 2.2	2	11.929	0.390	— 0.14	
5232	+ 1 4310	7.5	7	...	64.67	65.0	26 0.57	2	3.0401	— 0.0038	0.000	+ 1 42 39.0	2	11.929	0.351	— 0.11	
5233	+ 15 4185	8.5	8.9	9	65.33	65.0	26 8.20	2	2.7745	— 0.0002	+ 0.002	+ 15 29 30.4	2	11.938	0.320	— 0.08	
5234	— 8 5391	8.4	8	8.5	65.75	65.0	26 9.04	2	3.2299	— 0.0073	— 0.001	— 8 21 4.4	2	11.939	0.373	— 0.15	
5235	+ 65 1466	6.3	....	...	82.59	81.0	26 21.56	2	0.7341	— 0.0236	— 0.018	+ 65 20 23.9	2	11.954	0.081	— 0.05	
5236	+ 18 4525	7.2	7.8	7.4	65.29	65.0	26 28.01	2	2.7193	+ 0.0003	+ 0.002	+ 18 12 21.6	2	11.962	0.313	— 0.08	
5237	+ 22 4093	7.0	....	7-8	81.5	81.0	26 40.21	1	2.6302	+ 0.0011	+ 0.002	+ 22 24 9.2	1	11.976	0.302	— 0.08	
5238	+ 67 1251	8.3	8.3	...	83.71	83.0	26 57.86	1	0.4910	— 0.0325	— 0.025	+ 67 27 33.1	1	11.997	0.052	— 0.06	
5239	— 14 5781	6.0	....	6.0	77.66	77.0	27 14.11	6	3.3421	— 0.0098	— 0.002	— 14 8 54.7	6	12.015	0.385	— 0.14	
5240	» »	»	7	6.4	67.66	65.0	14.20	2	»	»	»	58.8	2	»	»	»	



UM- ER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
201	78 64, 69 7, 68 380	Königsberg, Lorek	M <sub>1</sub> 24646	21 <sup>s</sup> 54	37 <sup>m</sup> 2	A. N. 68 ist der Ort fehlerhaft. Siehe A. N. 69 7.
202	69 76	Berlin, Romberg	Schjellerup 8072	35.26	20.4	
303	108 339 u. 346	Kopenhagen, Pechüle	Armagh Cat. II 2642	42.04	28.6	
204	69 76	Berlin, Romberg	Weisse, 773, B. Z. 303	55.30	59.6	Berlin A. G. C. B. 7719, 41 <sup>s</sup> .98, 26 <sup>m</sup> .7; 7 <sup>m</sup> .6.
205	69 76	Berlin, Romberg	Weisse, 774, B. Z. 303	55.78	58.5	
206	81 156 u. 169	Leiden, Valentiner	Mikrom. Anschluss 69 39	58.54	21.9	
207	78 64, 69 8, 68 380	Königsberg, Lorek	Santini, 2276	16.98	8.4	A. N. 68 ist der Ort fehlerhaft. Siehe A. N. 69 7.
208	69 76	Berlin, Romberg	B. B. VI p. 332	17.04	8.1	
209	69 76	Berlin, Romberg	Santini, 2277	23.62	46.2	
210	69 76	Berlin, Romberg	Schjellerup 8080	29.27	51.7	
211	108 339 u. 346	Kopenhagen, Pechüle	Berlin A. G. C. B. 7729	31.47	25.0	
212	69 76	Berlin, Romberg	M <sub>1</sub> 24768	5.65	7.7	
213	78 64	Königsberg, Lorek	Cordoba G. C. 28123	7.17	7.2	
214	69 76	Berlin, Romberg	Schjellerup 8091	17.06	33.0	
215	78 64, 69 7, 68 380	Königsberg, Lorek	Santini, 2281	17.01	32.1	E. B. — 0 <sup>s</sup> .0002 + 0 <sup>m</sup> .011 nach Pulkowa Cat. Siehe Noten.
216	69 76	Berlin, Romberg	Pulkowa Cat. 1875.0 4579	18.87	42.8	
217	91 217	Pola, J. Palisa	Leiden, Mikrom. Anschluss	22.4	18' 9	
218	110 196	Albany, Tucker	Arg.-Oeltzen 20618	39.55	19" 7	
219	108 7	Königsberg, Rahts	Christiania A. G. C. 3176	39.37	20.2	A. N. Declin. um — 1' corrigirt. Siehe Noten.
220	111 92	Königsberg, Rahts	B. D. + 65° 1463	45...	10' 4	
221	69 382	Leiden, v. Hennekeler	Lalande 39507	46.85	10" 2	Siehe Noten.
222	91 258	Königsberg, Franz	Pulkowa Cat. 1875.0 4585	55.08	45.1	
223	69 76	Berlin, Romberg	Pulkowa Obs. Vol. VIII [p. 349 Nr. 1206]	55.88	52.3	
224	69 156	Washington	Arg.-Weiss 16203	9.47	22.7	
225	69 76	Berlin, Romberg	Kam 4050	11.17	34.7	
226	88 27	Berlin, Knorre	M <sub>1</sub> 24848	12.24	7.9	
227	86 215	Berlin, Knorre	Arg.-Weiss 16204	12.18	5.1	
228	69 379	Leiden, Kam u. v. [Hennekeler]	Kam 4052	36.06	44.2	
229	91 217	Pola, J. Palisa	B. D. — 2° 5298	48.1	18' 1	
230	69 76	Berlin, Romberg	Santini, 1861	52.25	0" 4	
231	69 76	Berlin, Romberg	Arg.-Weiss 16209	59.51	57.6	
232	69 76	Berlin, Romberg	Albany A. G. C. 7158	0.48	39.7	
233	69 76	Berlin, Romberg	M <sub>1</sub> 24920	8.32	30.0	Berlin A. G. C. B. 7760, 40 <sup>s</sup> .17, 7 <sup>m</sup> .2; 5 <sup>m</sup> .8.
234	69 76	Berlin, Romberg	Schjellerup 8113	8.83	3.2	
235	104 309	Strassburg	Christiania A. G. C. 3180	21.67	22.0	
236	69 76	Berlin, Romberg	Pulkowa Obs. Vol. VIII [p. 349 Nr. 1209]	27.99	20.1	
237	108 346	Kopenhagen, Pechüle	Weisse, 888, B. Z. 302	40.07	8.0	Epoche der Declin. Beob. 77-75.
238	108 7	Königsberg, Rahts	Christiania A. G. C. 3183	57.74	32.6	
239	91 259	Königsberg, Franz	Pulkowa Cat. 1875.0 4599	14.15	57.7	
240	72 114	Berlin, Romberg	Cordoba G. C. 28183	14.05	56.2	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
5241	+ 15°4195	8.7	9	...	65.28	65.0	20h 27m 20s 95	2	+ 28 7736	-0.0002	+0.0002	+15°35' 44" 6	2	12" 023	+0" 318	-0.00
5242	+ 48 3154	5.9	....	5.7	72.39	72.0	27 27.35	1	1.8504	+0.0004	+0.001	+48 47 56.8	9	12.031	0.211	-0.00
5243	+ 26 3928	7.1	....	...	64.20	65.0	27 34.49	2	2.5324	+0.0018	+0.003	+26 47 16.8	2	12.039	0.290	-0.00
5244	- 14 5786	8.9	....	8.9	77.67	77.0	27 46.33	3	3.3559	-0.0104	-0.002	-14 52 5.2	3	12.053	0.386	-0.01
5245	- 22 5457	9.3	10	10.0	76.59	75.0	27 58.65	1	3.5091	-0.0140	-0.003	-22 14 54.6	1	12.067	0.403	-0.01
5246	- 8 5402	8.5	8.9	8	64.69	65.0	27 59.34	2	3.2245	-0.0072	0.000	- 8 6 52.3	2	12.068	0.370	-0.01
5247	+ 3 4371	8.8	7.0	...	64.77	65.0	28 11.34	2	3.0064	-0.0033	+0.001	+ 3 31 46.7	2	12.082	0.345	-0.01
5248	- 10 5438	8.0	....	8.5	66.79	65.0	28 16.66	2	3.2605	-0.0080	-0.001	-10 0 27.8	2	12.088	0.374	-0.01
5249	- 14 5788	9.3	8	9	67.68	65.0	28 18.18	2	3.3396	-0.0098	-0.002	-14 4 23.2	2	12.090	0.383	-0.01
5250	» » »	»	....	9	70.54	70.0	18.19	1	»	»	»	21.7	1	»	»	1
5251	.....	...	7.8	7	64.69	65.0	28 22.36	2	3.6204	-0.0171	-0.003	-27 12 12.8	2	12.095	0.416	-0.01
5252	- 13 5709	8.5	9	8.5	66.73	65.0	28 34.96	2	3.3259	-0.0095	-0.001	-13 23 19.9	2	12.110	0.381	-0.01
5253	+ 12 4383	7.2	8	8	64.79	65.0	28 56.09	2	2.8258	-0.0007	+0.002	+13 2 14.8	2	12.134	0.323	-0.00
5254	+ 7 4498	9.3	10	10	77.21	75.0	29 1.15	2	2.9313	-0.0021	+0.001	+ 7 32 33.4	2	12.140	0.335	-0.00
5255	- 17 6031	8.7	....	8-9	.....	70.0	29 10.11	2	3.4066	-0.0114	-0.002	-17 26 56.9	1	12.150	0.390	-0.01
5256	- 15 5725	8.3	....	8.3	77.60	77.0	29 17.63	7	3.3719	-0.0106	-0.002	-15 44 21.9	4	12.159	0.386	-0.01
5257	+ 6 4583	9.0	....	10	77.73	75.0	29 18.73	2	2.9424	-0.0023	+0.001	+ 6 57 40.5	2	12.160	0.336	-0.00
5258	+ 46 2978	9.0	9	9	64.62	65.0	29 52.72	3	1.9620	+0.0014	+0.002	+46 17 48.2	3	12.200	0.222	-0.00
5259	- 13 5716	8.0	8	8-9	66.72	65.0	30 18.73	2	3.3289	-0.0096	-0.001	-13 37 0.9	2	12.230	0.379	-0.01
5260	- 2 5322	9.3	9-10	...	76.67	75.0	30 25.11	1	3.1135	-0.0051	0.000	- 2 13 46.9	1	12.237	0.354	-0.01
5261	+ 7 4504	8.5	....	9	63.79	65.0	30 31.05	2	2.9250	-0.0020	+0.002	+ 7 55 2.8	2	12.244	0.333	-0.00
5262	+ 8 4472	7.5	8.9	8.9	63.79	65.0	30 37.24	2	2.9204	-0.0020	+0.002	+ 8 9 45.7	2	12.251	0.332	-0.01
5263	+ 25 4299	7.2	....	7.2	72.66	72.0	30 46.78	2	2.5688	+0.0017	+0.003	+25 27 0.5	2	12.262	0.291	-0.00
5264	+ 14 4364	8.3	8.6	9	73.60	73.0	30 59.01	1	2.8029	-0.0004	+0.003	+14 17 42.6	1	12.276	0.318	-0.00
5265	+ 25 4302	6.0	....	5.6	.....	74.0	31 44.69	1	2.5573	+0.0018	+0.003	+26 1 39.1	1	12.329	0.289	-0.00
5266	- 15 5738	9.0	8.5	...	74.82	70.0	31 55.15	2	3.3690	-0.0107	-0.001	-15 43 28.5	2	12.341	0.382	-0.01
5267	- 15 5743	5.3	7.8	5.6	74.84	70.0	32 16.83	2	3.3620	-0.0106	-0.001	-15 23 31.0	2	12.366	0.381	-0.01
5268	- 15 5744	9.3	9.5	...	74.85	70.0	32 20.35	2	3.3632	-0.0106	-0.001	-15 27 27.1	2	12.370	0.381	-0.01
5269	- 7 5362	8.5	8.9	...	64.69	65.0	32 37.68	2	3.2168	-0.0073	0.000	- 7 49 38.8	2	12.390	0.364	-0.01
5270	.....	...	6.7	6.7	65.74	65.0	32 45.04	2	3.5452	-0.0155	-0.003	-24 13 47.8	2	12.398	0.401	-0.01
5271	+ 8 4491	7.7	8	8	63.79	65.0	32 51.11	2	2.9230	-0.0020	+0.002	+ 8 5 4.8	2	12.405	0.330	-0.00
5272	+ 7 4512	8.5	....	8	74.7	74.0	33 1.75	..	2.9364	-0.0022	+0.002	+ 7 22 30.6	..	12.417	0.331	-0.00
5273	+ 23 4085	6.8	....	6	81.5	81.0	33 7.14	1	2.6215	+0.0014	+0.003	+23 14 36.2	1	12.424	0.295	-0.00
5274	- 22 5498	9.0	8	9	78.73	75.0	33 14.91	1	3.4974	-0.0142	-0.002	-22 3 48.4	1	12.432	0.395	-0.01
5275	+ 15 4220	6.0	....	6.0	77.71	75.0	33 17.10	1	2.7833	-0.0001	+0.003	+15 24 3.0	1	12.435	0.313	-0.00
5276	- 9 5537	8.5	8.9	9	66.79	65.0	33 46.59	2	3.2540	-0.0081	0.000	- 9 50 51.6	2	12.469	0.366	-0.01
5277	+ 10 4351	6.8	....	7	66.56	66.0	33 52.40	2	2.8724	-0.0013	+0.002	+10 48 23.7	2	12.475	0.323	-0.00
5278	.....	...	7	6.3	64.66	65.0	33 56.52	2	3.5927	-0.0170	-0.003	-26 26 28.5	2	12.480	0.405	-0.01
5279	- 2 5329	9.6	9-10	...	76.68	75.0	33 57.97	1	3.1095	-0.0051	+0.001	- 2 2 29.7	1	12.482	0.350	-0.01
5280	+ 21 4307	8.4	8.8	8.0	73.60	73.0	34 0.81	1	2.6647	+0.0011	+0.003	+21 16 52.4	1	12.485	0.299	-0.00

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
241	69 76	Berlin, Romberg	Kam 4068	20 <sup>s</sup> 69	45" 5	Duplex seq. E. B. + 0 <sup>s</sup> .0014 — 0"'.040 nach Pulk. Cat. Ep. d Beob. 72.81 Bonn A. G. C. 14347, 27 <sup>s</sup> .37, 56"'.9; 6 <sup>m</sup> .0.
242	81 366	Leipzig, Engelmann	Pulkowa Cat. 1875.0 4603	27.36	56.8	
243	69 76	Berlin, Romberg	Kam 4069	34.60	17.4	
244	91 260	Königsberg, Franz	Pulkowa Cat. 1875.0 4605	46.49	7.3	Epoche der Declin. Beob. 77.55.
245	91 217	Pola, J. Palisa	M <sub>2</sub> 10481	58.53	58.4	
246	69 76	Berlin, Romberg	M <sub>1</sub> 25068	59.49	53.5	
247	69 76	Berlin, Romberg	Albany A. G. C. 7182	11.32	45.6	
248	69 76	Berlin, Romberg	Schjellerup 8138	16.48	21.4	
249	72 114	Berlin, Romberg	Weisse <sub>1</sub> 681, B. Z. 185	18.19	22.1	
250	81 74	Berlin	Santini <sub>4</sub> 1869	17.76	19.5	A. N. Declin. um — 10' corrigirt. Siehe Noten.
251	69 76	Berlin, Romberg	Cordoba G. C. 28202	22.29	10.9	
252	69 76	Berlin, Romberg	Schjellerup 8141	34.94	18.8	
253	69 76	Berlin, Romberg	Weisse <sub>1</sub> 709, B. Z. 97	56.38	11.5	Pulk. Duplex med. beob. A.N. erwähnt keine Duplicitat.
254	92 247	Pola, J. Palisa	M <sub>1</sub> 25149	1.40	33.8	
255	60 156	Washington	Arg-Weiss 16245	10.05	53.3	
256	91 259	Königsberg, Franz	Pulkowa Cat. 1875.0 4613	17.70	25.1	Bonn A. G. C. 14412, 52 <sup>s</sup> .58, 48"'.8; 9 <sup>m</sup> .0.
257	92 247	Pola, J. Palisa	M <sub>1</sub> 25171	19.01	40.8	
258	69 76	Berlin, Romberg	Arg.-Oeltzen 20739	52.85	46.9	
259	69 76	Berlin, Romberg	Santini <sub>4</sub> 1875	18.35	58.1	
260	91 217	Pola, J. Palisa	B. D. — 2° 5322	23.1	13' 6	
261	69 76	Berlin, Romberg	M <sub>1</sub> 25246	31.02	3" 5	
262	69 76	Berlin, Romberg	Glasgow Cat. I 5177	37.07	46.3	E. B. + 0 <sup>s</sup> .0005 — 0"'.002 nach Pulk. Cat. Σ. 2703 Triplex; 3 <sup>r</sup> Stern beob. in A. N. 37 Vulpeculae E. B. + 0 <sup>s</sup> .0013 — 0"'.012 n. Greenw. Cat
263	81 156	Leiden, Valentiner	Pulkowa Cat. 1875.0 4616	46.98	1.5	
264	84 181	Leipzig, Engelmann	Glasgow Cat. I 5182	59.07	42.1	
265	94 195	Gotha, Donner	Greenw. 10 Y. Cat. 3433	44.72	40.3	Siehe Noten.
266	86 215	Berlin, Knorre	B. D. — 15° 5738	54.1	43' 4	
267	86 215	Berlin, Knorre	Cordoba G. C. 28298	16.94	29" 0	
268	86 215	Berlin, Knorre	B. D. — 15° 5744	20.4	27' 3	E. B. + 0 <sup>s</sup> .0316 + 0"'.404 nach Pulk Cat. + 0.034 + 0.41 » Porter Prop. Mot. 1135.
269	69 76	Berlin, Romberg	Kam 4094	37.69	38" 7	
270	69 76	Berlin, Romberg	Pulkowa Cat. 1875.0 4623	45.22	47.2	
271	69 76	Berlin, Romberg	Glasgow Cat. I 5195	50.93	6.1	Siehe Noten.
272	85 7 u. 298	Kremsmünster	M <sub>1</sub> 25438	2.15	14.8	
273	108 346	Kopenhagen, Pechüle	Rümker 8508	7.13	34.9	
274	95 295	Pola, J. Palisa	Arg.-Weiss 16298	15.21	47.4	E. B. — 0 <sup>s</sup> .0008 — 0"'.006 nach Pulk. Cat.
275	92 375	Pola, J. Palisa	Pulkowa Cat. 1875.0 4629	17.07	0.7	
276	69 76	Berlin, Romberg	Santini <sub>3</sub> 2303	46.53	52.3	
277	69 382	Leiden, Kam u. v. [Hennekeler]	Glasgow Cat. I 5204	52.48	22.0	Σ. 2709 Comes 9 <sup>m</sup> .3 Δ 5" Pos. W. 300°. Berlin A. G. C. B. 7846, 0 <sup>s</sup> .98, 51"'.3; 8 <sup>m</sup> 2.
278	69 76	Berlin, Romberg	Cordoba G. C. 28346	56.45	28.5	
279	91 217	Pola, J. Palisa	B. D. — 2° 5329	57.4	2' 5	
280	84 181	Leipzig, Engelmann	Struve Pos. med. maj. 2499	0.95	51" 1	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle.	Beob.	Pos.										
5281	— 15°5755	7.9	7.8	9	66.71	65.0	20 <sup>h</sup> 34 <sup>m</sup> 28 <sup>s</sup> 16	2	+ 3.3517	—0.0104	—0.0001	—14°57' 12" 8	2	12" 486	+0" 377	—0" 15
5282	— 14 5815	7.7	....	8	70.66	70.0	34 17.02	2	3.3317	—0.0100	—0.0001	—13 56 32.0	2	12.504	0.374	—0.15
5283	» »	»	8	8	67.66	65.0	17.20	2	»	»	»	32.6	2	»	»	»
5284	— 7 5376	8.5	7.8	7	64.66	65.0	34 45.90	2	3.2122	—0.0072	0.0000	— 7 38 17.2	2	12.536	0.360	—0.15
5285	.....	...	10-11	11½	.....	.....	34 49.56	2	3.3560	—0.0106	—0.0001	—15 12 43.2	2	12.540	0.376	—0.15
5286	+ 5 4582	8.8	9	8-9	75.67	80.0	35 1.21	2	2.9676	—0.0027	+0.0002	+ 5 43 49.9	2	12.554	0.332	—0.11
5287	+ 2 4224	9.2	....	9	71.58	71.0	35 3.19	1	3.0280	—0.0037	+0.0001	+ 2 25 45.1	1	12.556	0.339	—0.11
5288	» »	»	8.8	...	71.59	71.0	3.19	2	»	»	»	45.8	2	»	»	»
5289	» »	»	....	9.0	72.67	72.0	3.21	1	»	»	»	42.1	1	»	»	»
5290	» »	»	9	10	64.61	65.0	3.40	2	»	»	»	45.1	2	»	»	»
5291	» »	»	....	...	67.60	67.0	3.44	2	»	»	»	46.5	2	»	»	»
5292	— 2 5337	8.5	8	8.0	76.67	75.0	35 12.03	1	3.1129	—0.0052	+0.0001	— 2 14 6.5	1	12.566	0.348	—0.12
5293	— 22 5511	7.5	7.8	7	76.76	76.0	36 8.75	2	3.5109	—0.0149	—0.0002	—22 54 2.0	2	12.630	0.392	—0.17
5294	+ 2 4231	8.3	....	...	67.52	67.0	36 27.22	3	3.0261	—0.0036	+0.0001	+ 2 32 57.9	3	12.651	0.337	—0.11
5295	.. ..	...	....	7.3	70.6	70.0	36 43.58	..	3.8329	—0.0255	—0.0004	—36 16 37.5	..	12.670	0.428	—0.22
5296	— 12 5818	6.7	....	7½	71.61	70.0	36 43.60	1	3.2942	—0.0092	—0.0001	—12 5 22.0	1	12.670	0.367	—0.14
5297	— 22 5516	8.9	9	9	84.7	84.0	37 18.21	2	3.4912	—0.0144	—0.0002	—22 3 11.5	2	12.709	0.388	—0.17
5298	— 9 5561	8.6	8.9	9	66.79	65.0	37 45.95	2	3.2436	—0.0080	0.0000	— 9 25 30.5	2	12.740	0.360	—0.12
5299	— 15 5775	8.8	....	9	66.73	65.0	37 46.48	2	3.3568	—0.0108	—0.0001	—15 24 38.1	2	12.741	0.373	—0.15
5300	+ 19 4494	7.0	8.3	9.0	73.79	73.0	37 51.35	1	2.7081	+0.0008	+0.0003	+19 25 59.2	1	12.746	0.299	—0.05
5301	+ 12 4447	9.3	10.6	...	73.73	70.0	37 59.52	4	2.8514	—0.0009	+0.0002	+12 4 49.8	4	12.756	0.315	—0.05
5302	+ 19 4495	8.0	8.3	8.1	73.81	73.0	37 59.55	2	2.7114	+0.0008	+0.0003	+19 16 44.2	2	12.756	0.300	—0.05
5303	+ 23 4121	8.2	....	8-9	81.5	81.0	38 4.11	1	2.6328	+0.0015	+0.0003	+23 4 42.8	1	12.761	0.291	—0.08
5304	— 15 5780	7.5	7	7	66.63	65.0	38 23.92	1	3.3577	—0.0109	—0.0001	—15 29 13.5	1	12.783	0.372	—0.15
5305	— 15 5783	9.1	9	...	66.64	65.0	39 2.48	2	3.3510	—0.0107	—0.0001	—15 10 24.7	2	12.826	0.370	—0.15
5306	— 11 5416	9.6	....	9.6	72.73	70.0	39 3.31	1	3.2843	—0.0091	0.0000	—11 39 29.9	1	12.827	0.363	—0.14
5307	— 11 5417	8.5	...	9	.....	70.0	39 15.57	1	3.2807	—0.0090	0.0000	—11 28 33.7	1	12.840	0.362	—0.14
5308	— 13 5753	8.8	....	8-9	69.65	70.0	39 22.44	2	3.3142	—0.0098	—0.0001	—13 15 46.4	2	12.849	0.366	—0.15
5309	+ 24 4232	8.5	....	8-9	74.89	75.0	39 50.11	3	2.6004	+0.0018	+0.0003	+24 43 24.5	3	12.879	0.285	—0.05
5310	.....	...	8	7½	67.86	65.0	59 52.57	2	3.5914	—0.0177	—0.0002	—26 52 16.1	2	12.882	0.396	—0.15
5311	+ 15 4251	7.3	8.0	...	73.76	71.0	40 23.53	1	2.7896	0.0000	+0.0003	+15 27 0.6	1	12.917	0.306	—0.05
5312	+ 30 4167	4.3	....	4.5	.....	70.0	40 30.13	7	2.4757	+0.0026	+0.0004	+30 15 51.3	7	12.924	0.271	—0.07
5313	— 2 5365	9.2	9	...	76.67	75.0	40 31.81	1	3.1105	—0.0053	+0.0001	— 2 8 36.2	1	12.926	0.341	—0.12
5314	— 2 5366	8.2	....	8	66.68	65.0	40 35.86	2	3.1106	—0.0053	+0.0001	— 2 8 59.7	2	12.931	0.341	—0.12
5315	— 21 5832	8.9	8½	8.7	84.7	84.0	41 5.95	4	3.4804	—0.0145	—0.0001	—21 48 34.4	4	12.964	0.382	—0.17
5316	+ 23 4148	7.5	....	8	81.5	81.0	41 16.85	1	2.6183	+0.0017	+0.0003	+24 0 20.9	1	12.976	0.286	—0.05
5317	— 17 6091	9.4	....	...	71.7	71.0	41 29.49	..	3.3919	—0.0120	—0.0001	—17 25 18.4	..	12.990	0.371	—0.16
5318	— 2 5369	9.3	9	...	76.68	75.0	41 33.76	1	3.1140	—0.0053	+0.0001	— 2 20 43.5	1	12.995	0.340	—0.12
5319	.....	...	6.5	6.1	67.65	65.0	41 52.17	2	3.5736	—0.0174	—0.0002	—26 14 29.5	2	13.015	0.391	—0.18
5320	+ 24 4245	8.8	....	9	.....	74.0	42 42.95	1	2.6170	+0.0018	+0.0003	+24 10 45.7	1	13.072	0.284	—0.08

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5281	69 76	Berlin, Romberg	M <sub>1</sub> 25521	18.79	13"5	
5282	77 266	Leiden, Valentiner	Santini, 1884	16.91	27.6	
5283	72 114	Berlin, Romberg	Schjellerup 8208	16.91	30.7	
5284	69 76	Berlin, Romberg	M <sub>1</sub> 25576	46.35	19.9	
5285	86 215	Berlin, Knorre	Markree Cat. Vol. III p.8	50.	12'6	
5286	88 27	Berlin, Becker	Kam 4107	1.15	52"2	
5287	79 138	Leiden, Valentiner	Weisse, 872, B. Z. 12	3.62	41.2	
5288	79 76	Leipzig, Engelmann	Albany A. G. C. 7228	3.33	44.9	
5289	81 156	Leiden, Valentiner	B. B. VI 4224	3.36	44.1	
5290	69 76	Berlin, Romberg	M <sub>1</sub> 25595	3.20	40.0	
5291	73 293	Leiden, v. Hennekeler	.....	.....	.....	
5292	91 217	Pola, J. Palisa	M <sub>2</sub> 10671	12.19	5.1	
5293	90 203	Leipzig	Cordoba G. C. 28395	8.85	1.3	
5294	73 293	Leiden, v. Hennekeler	Albany A. G. C. 7237	27.26	57.1	
5295	77 15	Washington	Cordoba G. C. 28412	43.67	36.2	
5296	81 74	Berlin	Cordoba G. C. 28411	43.59	19.9	
5297	111 126	Cordoba	Arg.-Weiss 16354	18.12	11.5	
5298	69 76	Berlin, Romberg	M <sub>1</sub> 25791	45.69	31.3	
5299	69 76	Berlin, Romberg	Arg.-Weiss 16361	46.30	33.1	
5300	84 181	Leipzig, Engelmann	Struve Pos. med. 2413 [Simplex]	51.78	59.1	Σ 2721 Comes 10m, Δ 2"5 Pos W. 250°.
5301	104 199	Leipzig, Engelmann	B. D. + 12° 4447	62.9	7' 1	
5302	84 181	Leipzig, Engelmann	Str. Pos. med. 2514 seq. austr.	59.50	45"3	Σ 2722 Comes 8m.9, Δ 41" Pos. W. 300°5.
5303	108 346	Kopenhagen, Pechüle	Weisse, 1260-3, B. Z. 198, [302, 307, 315]	4.28	44.8	Berlin A. G. C. B. 7892, 48.15, 44"8; 8m.2.
5304	69 76, 67 348	Berlin, Romberg	Arg.-Weiss 16368	24.01	11.0	
5305	69 76, 67 348	Berlin, Romberg	B. D. — 15° 5783	4.2	11'0	A. N. 67 Declin. um 0"3 südlicher.
5306	81 74	Berlin	B. D. — 11° 5416	3.5	40.0	A. N. um — 1m corrigirt. Siehe Noten.
5307	81 74	Berlin	Schjellerup 8261	15.42	27"0	A. N. um — 1m corrigirt. Siehe Noten.
5308	81 74	Berlin	Santini, 1895	22.35	45.6	
5309	86 111	Hamburg, Lindstedt	Weisse, 1309, B. Z. 315	50.46	28.3	Berlin A. G. C. B. 7916, 508.22, 25"2; 8m.2.
5310	72 114	Berlin, Romberg	Cordoba G. C. 28489	52.43	14.9	
5311	84 181	Leipzig, Engelmann	Pulkowa Cat. 1875.0 4661	23.84	59.2	Duplex. Siehe Noten.
5312	104 199	Leipzig, Engelmann	Pulkowa Cat. 1875.0 4663	30.17	51.2	Σ 2726, 52 Cygni praec. E. B. — 08.0008 .... nach [Pulkowa]
5313	91 217	Pola, J. Palisa	B. D. — 2° 5365	32.0	8'4	Duplex praec.
5314	69 76	Berlin, Romberg	Schjellerup 8276	35.79	59"0	
5315	111 126	Cordoba	Cincinnati Zones 3481	6.27	35.0	
5316	108 339 u. 346	Kopenhagen, Pechüle	Weisse, 1341-2, B. Z. 307	16.75	16.7	Berlin A. G. C. B. 7928, 168.85, 18"8; 7m.7.
5317	79 107	Washington	B. D. — 17° 6091 [u. 315]	29.5	25' 1	
5318	91 217	Pola, J. Palisa	B. D. — 2° 5369	33.6	20.6	
5319	72 114	Berlin, Romberg	Cordoba G. C. 28539	52.17	26"8	
5320	94 195	Gotha, Donner	Weisse, 1377, B. Z. 315	43.63	44.6	Berlin A. G. C. B. 7939, 438.02, 46"6; 8m.7.

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800	+											
5321	+ 48°32'10	8.0	8.6	8	72.79	72.0	20 <sup>h</sup> 43 <sup>m</sup> 22 <sup>s</sup> 56	1	+ 1 <sup>s</sup> 9334	+0 <sup>s</sup> 0016	+0 <sup>s</sup> 003	+48°23'32"5	1	13"115	+0"208	- 0"02	
5322	.....	...	....	...	71.55	71.0	43 33.25	1	3.3850	-0.0119	-0.001	-17 11 45.6	1	13.127	0.368	- 0.16	
5323	+ 47 3188	5.5	....	5.5	72.89	72.0	43 42.41	1	1.9748	+0.0020	+0.003	+47 22 18.5	7	13.137	0.212	- 0.02	
5324	+ 68 1150	9.2	....	9.2	82.7	82.0	43 48.30	2	0.4590	-0.0389	-0.034	+68 52 24.9	2	13.144	0.045	- 0.05	
5325	.....	...	10.3	...	66.82	66.0	43 49.26	1	3.2218	-0.0078	+0.001	- 8 25 27.8	1	13.145	0.349	- 0.14	
5326	- 2 5378	8.7	....	9	65.7	65.0	43 51.75	4	3.1079	-0.0053	+0.001	- 2 1 29.8	4	13.148	0.337	- 0.13	
5327	- 21 5847	8.7	8½	8.3	.....	84.0	44 15.74	4	3.4691	-0.0144	-0.001	-21 29 30.4	4	13.174	0.376	- 0.17	
5328	+ 4 4560	9.2	8.9	9.5	66.59	65.0	44 36.77	2	2.9953	-0.0031	+0.002	+ 4 22 16.6	2	13.197	0.323	- 0.11	
5329	+ 2 4261	8.2	8	...	75.67	80.0	44 55.42	2	3.0192	-0.0035	+0.002	+ 3 1 20.1	2	13.218	0.325	- 0.11	
5330	- 20 6055	7.0	7	6.9	81.85	81.0	45 7.03	2	3.4401	-0.0136	0.000	-20 6 39.1	2	13.230	0.371	- 0.17	
5331	- 21 5852	7.3	8.5	7-8	75.74	80.0	45 8.80	2	3.4720	-0.0146	-0.001	-21 41 55.5	2	13.232	0.375	- 0.17	
5332	- 8 5500	8.7	8	9	66.84	65.0	45 16.40	2	3.2127	-0.0076	+0.001	- 7 57 48.1	2	13.241	0.346	- 0.12	
5333	+ 2 4263	8.5	8.9	...	77.44	75.0	45 56.24	3	3.0199	-0.0035	+0.002	+ 2 59 28.0	3	13.284	0.324	- 0.12	
5334	- 21 5857	9.3	9½	10	84.7	84.0	45 57.00	3	3.4599	-0.0143	0.000	-21 9 34.5	3	13.285	0.372	- 0.17	
5335	- 20 6062	9.0	....	10	.....	79.0	46 27.35	3	3.4408	-0.0138	0.000	-20 14 15.5	3	13.318	0.369	- 0.17	
5336	- 2 5392	8.4	...	9	65.7	65.0	46 31.80	5	3.1196	-0.0055	+0.001	- 2 42 42.1	5	13.323	0.334	- 0.13	
5337	- 14 5875	7.8	7.5	7.8	83.65	83.0	46 37.84	4	3.3379	-0.0109	0.000	-14 53 30.8	4	13.330	0.358	- 0.15	
5338	- 13 5785	9.1	9	9.2	66.65	66.0	46 54.32	3	3.3033	-0.0099	0.000	-13 2 21.2	3	13.348	0.354	- 0.15	
5339	.....	...	8.0	8	67.65	65.0	47 0.35	2	3.5597	-0.0176	-0.001	-26 2 49.4	2	13.354	0.381	- 0.12	
5340	- 11 5456	7.2	....	7.0	71.8	71.0	47 14.96	2	3.2731	-0.0092	+0.001	-11 23 50..	..	13.370	0.350	- 0.14	
5341	.....	...	9	9.0	67.70	65.0	47 17.64	1	3.5688	-0.0179	-0.001	-26 29 24.0	1	13.373	0.382	- 0.12	
5342	- 21 5864	7.5	9	9	75.78	80.0	47 31.77	2	3.4628	-0.0145	0.000	-21 25 18.2	2	13.388	0.370	- 0.17	
5343	.....	...	9	8½	67.86	65.0	47 56.09	2	3.5696	-0.0180	-0.001	-26 35 10.5	1	13.415	0.381	- 0.12	
5344	- 15 5833	7.5	8	8½	66.69	65.0	47 58.09	3	3.3526	-0.0114	0.000	-15 45 21.3	3	13.417	0.358	- 0.15	
5345	+ 19 4555	6.8	....	8	64.31	65.0	48 29.47	3	2.7254	+0.0010	+0.003	+19 16 51.3	3	13.451	0.289	- 0.09	
5346	- 11 5463	8.0	....	8½	71.68	70.0	48 35.20	2	3.2792	-0.0094	+0.001	-11 47 24.5	2	13.457	0.349	- 0.14	
5347	.....	...	9	9	67.86	65.0	48 46.75	1	3.5483	-0.0174	-0.001	-25 40 8.3	1	13.469	0.378	- 0.12	
5348	- 13 5791	8.0	....	9	78.19	77.0	48 47.10	5	3.3072	-0.0102	0.000	-13 20 34.7	5	13.470	0.352	- 0.15	
5349	- 8 5523	8.3	8.9	9	66.84	65.0	49 25.94	1	3.2145	-0.0078	+0.001	- 8 11 35.5	1	13.512	0.341	- 0.14	
5350	- 16 5734	8.0	8	8	66.63	65.0	49 46.60	4	3.3613	-0.0117	0.000	-16 19 43.7	4	13.534	0.356	- 0.15	
5351	- 7 5448	8.0	8	8	66.84	65.0	49 59.47	1	3.2008	-0.0075	+0.001	- 7 25 57.3	1	13.548	0.338	- 0.14	
5352	- 2 5408	9.2	9	10	76.67	75.0	49 59.76	1	3.1073	-0.0053	+0.002	- 2 2 11.7	1	13.548	0.328	- 0.13	
5353	- 2 5409	8.9	....	9	66.59	65.0	50 6.66	2	3.1140	-0.0055	+0.002	- 2 25 36.3	2	13.555	0.329	- 0.13	
5354	- 16 5737	9.6	9.5	...	66.61	66.0	50 9.17	1	3.3551	-0.0116	0.000	-16 1 17.6	1	13.558	0.355	- 0.16	
5355	- 22 5576	8.3	8.9	8-9	76.76	76.0	50 33.77	2	3.4703	-0.0151	0.000	-22 2 5.1	2	13.585	0.366	- 0.15	
5356	- 1 4081	9.3	9	...	76.68	75.0	50 38.80	1	3.1010	-0.0052	+0.002	- 1 40 34.2	1	13.590	0.327	- 0.13	
5357	- 20 6081	8.5	8½	8.5	84.7	84.0	50 46.96	4	3.4406	-0.0141	0.000	-20 33 3.5	4	13.599	0.363	- 0.12	
5358	.....	10	10	...	77.72	75.0	50 53.78	2	3.0421	-0.0040	+0.002	+ 1 45 31.2	2	13.606	0.320	- 0.12	
5359	+ 27 3927	9.1	....	9.0	72.73	70.0	51 6.49	1	2.5540	+0.0027	+0.004	+27 50 12.7	1	13.620	0.268	- 0.08	
5360	- 13 5805	9.0	9.7	9.0	83.65	83.0	51 20.47	4	3.3095	-0.0104	0.000	-13 36 10.2	4	13.635	0.348	- 0.15	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
5321	81 366	Leipzig, Engelmann	Arg.-Oeltzen 21110	22 <sup>s</sup> 72	33" 1	{ A. N. um +1 <sup>m</sup> corrigirt. Siehe Noten. Bonn A. G. C. 14676, 22 <sup>s</sup> .57, 30".9; 8 <sup>m</sup> .o. Siehe Noten.
5322	79 138	Leiden, Valentiner	Leiden, Mikr. Anschluss	33.3	11' .	
5323	81 366	Leipzig, Engelmann	Greenw. 10 Y. Cat. 3480	42.31	17" 8	Bonn A. G. C. 14686, 42 <sup>s</sup> .32, 19".2; 5 <sup>m</sup> .7.
5324	110 196	Albany, Tucker	B. B. VI 1150	48.31	27.4	
5325	69 102	Leipzig, Engelmann	Leiden, Mikr. Anschluss	49.2	25' 5	Siehe Noten.
5326	69 362	Königsberg, Sievers	M <sub>1</sub> 26210	51.57	28" 7	
5327	111 126	Cordoba	Yarnall 9334	15.89	29.7	
5328	69 76	Berlin, Romberg	M <sub>2</sub> 10897	36.82	14.4	
5329	88 27	Berlin, Becker	Albany A. G. C. 7299	55.46	20.7	
5330	102 299	Berlin, Leman	Cordoba G. C. 28616	7.05	38.6	
5331	88 27	Berlin, Becker u. [Knorre	Arg.-Weiss 16447	8.72	53.7	
5332	69 76	Berlin, Romberg	M <sub>1</sub> 26297	16.30	47.3	
5333	92 247	Pola, J. Palisa	Albany A. G. C. 7309	56.29	27.5	
5334	111 126	Cordoba	Wash. M. C. Zones 133 Nr. 126	57.87	46.0	
5335	96 312	Washington	Wash. Tr. Zones 190 Nr. 27	27.35	25.2	
5336	69 362	Königsberg, Sievers	Schjellerup 8333-5	31.91	43.5	
5337	106 327	Neuenburg, Hilfiker	Küstner 555	37.82	27.7	
5338	69 102, 70 166	Leipzig	B. B. VI p. 332	54.09	19.7	
5339	72 114	Berlin, Romberg	Cordoba G. C. 28662	0.18	46.7	
5340	79 13	Genf, J. Palisa	Cordoba G. C. 28670	15.01	43.7	
5341	72 114	Berlin, Romberg	Arg.-Weiss 16470	17.40	16.0	{ Lal. 40341, 31 <sup>s</sup> .88, 11".2; 8 <sup>m</sup> . Radcliffe Cat. 1890.0 5624, 31 <sup>s</sup> .74, 18".6; 8 <sup>m</sup> .
5342	88 27	Berlin, Knorre	M <sub>1</sub> 26449	31.42	13.5	
5343	72 114	Berlin, Romberg	Cordoba G. C. 28679	55.80	9.8	A. N. 67 A. R. um 0 <sup>s</sup> .03 grösser, Decl. um 0".2 nördlicher.
5344	69 76, 67 348	Berlin, Romberg	Cordoba G. C. 28680	57.89	23.9	
5345	69 76	Berlin, Romberg	M <sub>1</sub> 26515	29.39	47.2	
5346	81 74	Berlin	Cordoba G. C. 28692	35.27	23.7	
5347	72 114	Berlin, Romberg	Arg.-Weiss 16489	46.71	5.9	Siehe Noten.
5348	94 291	Berlin, Tietjen	Santini, 1915	46.87	35.0	
5349	69 76	Berlin, Romberg	Schjellerup 8381	25.67	30.9	
5350	69 76, 67 34	Berlin, Romberg	Cordoba G. C. 28709	46.46	45.0	
5351	69 76	Berlin, Romberg	M <sub>1</sub> 26613	59.42	56.3	Duplex praec. bor. in Pola.
5352	91 217	Pola, J. Palisa	M <sub>1</sub> 26615	0.14	32.7	
5353	69 76	Berlin, Romberg	M <sub>1</sub> 26622	6.55	30.7	A. N. 67 A. R. um 0 <sup>s</sup> .17 grösser.
5354	69 102, 67 334	Leipzig, Engelmann	B. D. — 16° 5737	9.7	1' 2	
5355	90 203, 89 357	Leipzig, Engelmann	Arg.-Weiss 16511	33.66	2" 1	A. N. 89 A. R. um 0 <sup>s</sup> .02 kleiner.
5356	91 217	Pola, J. Palisa	B. D. — 1° 4081	37.7	40' 1	
5357	111 126	Cordoba	Cincinnati Zones 3515	47.13	3" 1	Siehe Noten.
5358	92 247	Pola, J. Palisa	Leiden, Mikr. Anschluss	53.9	45' 8	
5359	81 74	Berlin	Pulkowa Cat. 1875.0 4727	6.54	10" 6	
5360	106 327	Neuenburg, Hilfiker	Küstner 558	20.50	7.5	



NUM- MER.	NUMMER	GRÖSSE			EPOCHE		MITTLERE A.R. 1875 o	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.o	ZAHL DER BEOB.	PRAECESSION IN DECL		
	der nördl. u. südl. Bonner Durchmus- terung.	NACH			DER				1875.o					1875.o		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +									+		
5361	— 7°5459	9.2	....	9	70.59	65.o	20 <sup>h</sup> 51 <sup>m</sup> 56 <sup>s</sup> 69	1	+ 3 <sup>s</sup> 2044	—0.0076	+0.0001	— 7°41' 39" 4	1	13" 673	+0" 336	— 0" 14
5362	— 14 5901	8.8	....	9-10	77.80	77.o	52 10.92	2	3.3262	—0.0109	0.000	—14 34 2.4	2	13.688	0.349	— 0.15
5363	— 10 5360	9.4	....	...	71.55	71.o	52 16.20	1	3.2579	—0.0090	+0.0001	—10 45 40.9	1	13.694	0.341	— 0.15
5364	— 14 5902	8.8	....	8-9	77.79	77.o	52 24.18	1	3.3269	—0.0109	0.000	—14 37 5.6	1	13.703	0.348	— 0.15
5365	— 14 5906	9.1	....	9.8	78.73	77.o	53 21.37	2	3.3222	—0.0108	0.000	—14 24 55.6	2	13.763	0.346	— 0.15
5366	— 20 6096	8.3	8½	8	81.7	84.o	53 46.08	4	3.4333	—0.0142	0.000	—20 24 14.0	4	13.790	0.358	— 0.18
5367	» »	»	8	8.2	81.86	81.o	46.36	1	»	»	»	12.6	1	»	»	»
5368	— 22 5586	9.0	9-10	9	76.84	75.o	54 3.84	1	3.4627	—0.0151	0.000	—21 56 1.8	1	13.808	0.360	— 0.18
5369	+ 60 2179	7.9	7.9	...	73.68	73.o	54 6.21	2	1.3178	—0.0091	—0.006	+61 4 40.5	2	13.811	0.133	— 0.04
5370	— 21 5899	9.5	10	...	76.63	75.o	54 8.87	2	3.4587	—0.0150	0.000	—21 44 16.1	2	13.814	0.360	— 0.18
5371	+ 23 4207	9.4	....	9.5	....	74.o	54 25.82	1	2.6589	+0.0020	+0.004	+23 7 22.0	1	13.832	0.275	— 0.09
5372	+ 0 4641	8.0	8.9	8	77.39	75.o	54 59.59	3	3.0624	—0.0044	+0.003	+ 0 34 58.1	3	13.867	0.317	— 0.13
5373	.....	...	9	8	67.65	65.o	55 11.18	2	3.5298	—0.0175	0.000	—25 21 55.9	2	13.879	0.366	— 0.15
5374	.....	...	....	7½	69.66	70.o	55 57.35	3	3.5324	—0.0177	0.000	—25 33 55.9	3	13.928	0.365	— 0.19
5375	— 19 5999	8.5	....	8-9	81.77	80.o	56 1.37	3	3.4186	—0.0139	+0.0001	—19 48 27.4	3	13.932	0.353	— 0.18
5376	+ 2 4289	7.2	....	7.2	69.7	69.o	56 24.74	..	3.0243	—0.0036	+0.003	+ 2 51 34. .	..	13.957	0.311	— 0.12
5377	+ 38 4318	7.2	7.8	...	73.69	73.o	57 1.87	2	2.3032	+0.0041	+0.005	+38 46 14.1	2	13.996	0.235	— 0.06
5378	— 7 5479	8.3	....	8	73.65	70.o	57 45.25	2	3.1986	—0.0076	+0.002	— 7 32 34.5	2	14.041	0.327	— 0.14
5379	» »	»	....	...	70.59	70.o	45.35	2	»	»	»	34.0	2	»	»	»
5380	— 11 5513	9.4	10.0	...	66.66	66.o	57 46.43	3	3.2711	—0.0096	+0.002	—11 45 58.6	3	14.042	0.334	— 0.15
5381	— 15 5881	8.4	....	8	71.69	70.o	58 1.78	2	3.3284	—0.0113	+0.0001	—15 2 23.4	2	14.058	0.340	— 0.16
5382	» »	»	....	8	77.80	77.o	1.93	3	»	»	»	22.9	3	»	»	»
5383	.....	...	9.4	9	....	65.o	58 25.19	5	3.6302	—0.0216	+0.0001	—30 22 45.4	5	14.082	0.371	— 0.21
5384	.....	...	6.6	6.0	....	65.o	58 28.10	5	3.6355	—0.0218	+0.0001	—30 37 12.5	5	14.085	0.371	— 0.21
5385	— 6 5666	9.4	9	10	67.78	65.o	58 38.90	2	3.1798	—0.0072	+0.0002	— 6 27 9.2	2	14.097	0.324	— 0.14
5386	+ 3 4497	8.9	....	8.9	69.7	69.o	58 51.68	..	3.0047	—0.0031	+0.003	+ 4 4 10. .	..	14.110	0.305	— 0.12
5387	+ 4 4610	9.4	....	9.4	69.7	69.o	59 21.28	..	3.0043	—0.0031	+0.003	+ 4 5 50. .	..	14.140	0.305	— 0.12
5388	.....	...	8.9	8½	67.65	65.o	59 34.31	2	3.5169	—0.0175	+0.0001	—25 9 3.6	2	14.154	0.357	— 0.19
5389	— 7 5486	9.0	....	9.0	70.65	70.o	59 35.74	3	3.1917	—0.0075	+0.0002	— 7 11 19.5	3	14.155	0.324	— 0.14
5390	— 16 5792	8.2	....	8	....	79.o	59 51.12	..	3.3448	—0.0119	+0.0001	—16 4 18.1	1	14.171	0.339	— 0.16
5391	.....	...	....	...	....	76.o	59 59.08	..	3.2419	—0.0089	+0.0002	—10 10 30.3	..	14.180	0.328	— 0.15
5392	.....	...	....	...	76.80	76.o	59.08	2	»	»	»	30.3	2	»	»	»
5393	— 16 5797	7.3	....	7½	....	79.o	21 0 11.02	..	3.3516	—0.0121	+0.0001	—16 28 20.7	..	14.192	0.341	— 0.17
5394	» »	»	....	...	79.8	79.o	11.35	2	»	»	»	20.9	2	»	»	»
5395	— 19 6024	7.0	....	6.9	?	79.o	0 24.73	2	3.4080	—0.0139	+0.0001	—19 35 14.5	2	14.206	0.345	— 0.18
5396	— 10 5601	8.8	9	9	76.85	76.o	0 27.06	2	3.2435	—0.0089	+0.0002	—10 17 26.9	2	14.208	0.328	— 0.15
5397	» »	»	....	9	76.80	76.o	27.10	2	»	»	»	27.4	2	»	»	»
5398	.. .. .	...	8.8	8	....	65.o	1 13.07	5	3.6159	—0.0215	+0.0001	—30 2 10.0	..	14.256	0.365	— 0.21
5399	.....	...	8.9	7½	67.66	65.o	1 15.39	2	3.5048	—0.0173	+0.0001	—24 42 25.9	2	14.258	0.353	— 0.19
5400	— 10 5607	9.0	....	8-9	76.77	76.o	1 16.40	2	3.2427	—0.0089	+0.0002	—10 16 36.0	2	14.259	0.326	— 0.15



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5361	81 74	Berlin	Schjellerup 8409	56.60	39"0	
5262	94 291	Berlin, Tietjen	Santini, 1920	10.76	0.4	
5363	79 138	Leiden, Valentiner	B. D. — 10° 5560	16.1	45' 6	
5364	94 309	Berlin, Tietjen	Santini, 1922	23.66	3"1	
5365	94 291	Kremsmünster	M, 11086	21.26	54.8	
5366	111 126	Cordoba	Arg.-Weiss 16545	46.19	10.2	
5367	102 299	Berlin, Leman	Cincinnati Zones 3527	46.27	14.7	
5368	91 217	Pola, J. Palisa	Arg.-Weiss 16550	3.45	0.4	
5369	84 181	Leipzig, Engelmann	Helsingfors A. G. C. 11777	6.15	41.0	Σ 2740. Siehe Noten.
5370	91 217	Pola, J. Palisa	B. D. — 21° 5899	9.8	44' 5	
5371	94 195	Gotha, Donner	B. B. VI 4207	26.11	26"5	
5372	92 247	Pola, J. Palisa	Glasgow Cat. I 5317	59.60	59.2	
5373	72 114	Berlin, Romberg	Cordoba G. C. 28827	11.00	53.6	
5374	81 74	Berlin	Cordoba G. C. 28842	57.44	56.7	
5375	111 55, 102 288	Hamburg, Schrader	Arg.-Weiss 16566	0.91	24.4	A. N. 101 A. R. um 0.69 kleiner. Siehe Noten.
5376	75 29	Durham, Plummer	Albany A. G. C. 7372	24.97	35.0	
5377	84 181	Leipzig, Engelmann	Pulkowa Cat. 1875.0 4755	1.87	12.6	{ Σ 2746. Siehe Noten.
5378	84 236	Berlin, Knorre	M, 27086	45.35	34.7	{ Lund A. G. Z. 58 u. 59, 18.96, 13".2; 7m.8. Oblongue [u. Double.
5379	81 74	Berlin	Rümker 8830	45.26	33.1	
5380	69 102	Leipzig, Engelmann	Mikr. Anshl. A. N. 70 166	46.50	58.4	
5381	81 74	Berlin	M, 27102	1.82	20.4	
5382	94 291	Berlin, Tietjen	Santini, 1931	1.64	21.9	
5383	84 147	Madras	Cordoba Z. Cat. 1848	25.19	44.1	
5384	84 147	Madras	Cordoba G. C. 28907	28.11	10.4	δ Microscopii.
5385	72 114	Berlin, Romberg	M, 27147	38.85	10.1	
5386	75 29	Durham, Plummer	Albany A. G. C. 7394	51.94	22.2	A. N. Bloss in A. R. scharf bestimmt.
5387	75 29	Durham, Plummer	B. B. VI 4610	22.18	50.6	Ebenso.
5388	72 114	Berlin, Romberg	Cordoba G. C. 28943	34.13	1.7	
5389	77 266 u. 211	Leiden, Valentiner	M, 11211	36.05	20.2	
5390	96 316	Kremsmünster	Arg.-Weiss 16612	51.14	17.7	
5391	89 359	Leipzig	.....	.....	.....	Siehe Noten.
5392	94 311	Berlin, Tietjen	.....	.....	.....	
5393	96 315	Kremsmünster	Cordoba G. C. 28958	11.06	20.5	
5394	100 244	Königsberg, Rahts	Rümker 8863	11.06	22.5	
5395	96 312, 111 14	Washington	Cordoba G. C. 28961	24.66	12.6	A. N. 111 A. R. um 0.08 grösser, δ um 1".1 nördlicher.
5396	90 203, 89 359	Leipzig, Weinek	Schjellerup 8495	27.18	24.4	
5397	94 311	Berlin, Tietjen	Weisse, 1508, B. Z. 102	27.05	28.5	
5398	84 147	Madras	Cordoba G. C. 28984	13.03	8.6	
5399	72 114	Berlin, Romberg	Cordoba G. C. 28985	15.25	26.1	Pulkowa Cat. 1875.0 4780, 15.16, 28".1; 8m.
5400	94 293	Berlin, Tietjen	Santini, 2369	16.18	35.6	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.						
		NACH			DER				1875.0					1875.0						
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.				
					1800	+														
5401	— 10° 5609	8.8	....	9	76.76	76.0	21 <sup>h</sup> 1 <sup>m</sup> 26 <sup>s</sup> 93	2	+ 3 <sup>s</sup> 2444	— 0 <sup>s</sup> 0090	+ 0 <sup>s</sup> 0002	— 10° 23' 14" 2	2	14" 270	+ 0" 326	— 0" 115				
5402	— 14 5942	8.7	....	8-9	71.69	70.0	1 40.22	2	3.3121	— 0.0110	+ 0.0001	— 14 20 17.8	2	14.284	0.333	— 0.16				
5403	— 19 6028	8.3	....	8	84.7	84.0	1 46.18	3	3.3995	— 0.0137	+ 0.0001	— 19 13 48.9	3	14.290	0.342	— 0.18				
5404	.....	...	9.2	9.2	.....	65.0	1 51.22	5	3.6128	— 0.0214	+ 0.0001	— 29 57 48.0	5	14.295	0.363	— 0.21				
5405	+ 49 3461	8.7	....	9	66.77	65.0	1 53.61	2	1.9785	+ 0.0030	+ 0.0004	+ 49 23 45.7	2	14.297	0.196	— 0.05				
5406	+ 47 3292	4.6	....	4.5	72.84	72.0	2 17.79	2	2.0635	+ 0.0037	+ 0.0005	+ 47 8 48.4	8	14.322	0.204	— 0.05				
5407	.....	...	....	...	.....	70.0	2 27.06	2	3.3168	— 0.0112	+ 0.0001	— 14 39 19.9	2	14.331	0.342	— 0.16				
5408	— 14 5945	8.9	....	9	71.69	70.0	2 30.94	2	3.3103	— 0.0110	+ 0.0001	— 14 17 1.7	2	14.335	0.331	— 0.15				
5409	.....	...	8.5	8½	67.65	65.0	2 34.86	2	3.5062	— 0.0175	+ 0.0001	— 24 54 27.3	2	14.339	0.351	— 0.12				
5410	— 14 5946	7.7	....	7-8	71.69	70.0	2 41.36	3	3.3160	— 0.0112	+ 0.0001	— 14 37 21.6	3	14.346	0.332	— 0.16				
5411	+ 21 4474	8.8	....	9.0	77.44	74.0	2 43.42	1	2.7033	+ 0.0020	+ 0.0004	+ 21 33 16.1	1	14.348	0.269	— 0.05				
5412	» »	»	9.8	8.9	77.44	75.0	43.53	4	»	»	»	14.9	..	»	»	»				
5413	+ 70 1159	7.7	7.7	7.7	83.42	83.0	2 57.89	3	0.3906	— 0.0493	— 0.052	+ 70 48 53.7	3	14.363	0.033	— 0.00				
5414	— 19 6038	8.7	....	8-9	84.7	84.0	3 19.30	2	3.3924	— 0.0136	+ 0.0001	— 18 57 53.9	2	14.384	0.338	— 0.18				
5415	— 19 6041	8.8	....	11	81.77	80.0	3 56.28	3	3.4014	— 0.0140	+ 0.0001	— 19 30 37.3	3	14.422	0.338	— 0.18				
5416	— 9 5664	6.7	....	6.5	76.80	76.0	4 2.38	2	3.2336	— 0.0088	+ 0.0002	— 9 51 36.3	2	14.428	0.321	— 0.15				
5417	+ 21 4483	8.7	....	9	.....	74.0	4 11.43	1	2.7081	+ 0.0020	+ 0.0004	+ 21 25 29.0	1	14.437	0.268	— 0.00				
5418	— 16 5816	8.5	....	8-9	.....	70.0	4 25.17	..	3.3474	— 0.0122	+ 0.0001	— 16 32 0.9	..	14.452	0.332	— 0.17				
5419	+ 25 4475	8.5	....	9	81.7	81.0	4 30.11	2	2.6246	+ 0.0030	+ 0.0005	+ 25 47 13.6	2	14.456	0.259	— 0.00				
5420	+ 26 4091	8.0	....	8-9	81.5	81.0	4 32.29	1	2.6182	+ 0.0030	+ 0.0005	+ 26 6 24.4	1	14.458	0.258	— 0.00				
5421	.....	...	8.9	7½	67.86	65.0	4 46.91	1	3.4966	— 0.0173	+ 0.0001	— 24 37 53.7	1	14.473	0.347	— 0.15				
5422	+ 70 1163	8.7	....	8.7	82.7	82.0	4 57.39	2	0.4282	— 0.0480	— 0.051	+ 70 43 24.5	2	14.484	0.037	— 0.08				
5423	— 14 5954	8.7	....	9	71.69	70.0	5 1.08	2	3.3064	— 0.0110	+ 0.0002	— 14 12 53.2	2	14.488	0.327	— 0.16				
5424	+ 4 4624	8.8	....	...	69.6	69.0	5 1.79	3	2.9954	— 0.0029	+ 0.0003	+ 4 45 6.9	3	14.488	0.296	— 0.12				
5425	+ 43 3823	8.5	8.7	8.8	73.73	73.0	5 21.23	2	2.1855	+ 0.0045	+ 0.0006	+ 43 51 0.4	2	14.508	0.214	— 0.05				
5426	+ 43 3825	8.0	8.2	9.0	73.76	73.0	5 39.09	1	2.1979	+ 0.0046	+ 0.0006	+ 43 29 19.8	1	14.526	0.215	— 0.05				
5427	— 12 5935	9.0	9.0	9	67.68	65.0	6 14.12	2	3.2688	— 0.0099	+ 0.0002	— 12 3 57.6	2	14.561	0.321	— 0.15				
5428	— 14 5964	9.1	....	9	72.73	70.0	6 23.46	1	3.3078	— 0.0111	+ 0.0002	— 14 22 50.1	1	14.570	0.325	— 0.15				
5429	— 10 5622	10.0	9.5	...	76.76	76.0	6 32.81	2	3.2398	— 0.0090	+ 0.0002	— 10 20 35.1	2	14.580	0.318	— 0.15				
5430	» »	»	....	...	76.80	76.0	33.14	3	»	»	»	34.1	3	»	»	»				
5431	» »	»	....	...	72.85	70.0	33.50	1	»	»	»	34.7	1	»	»	»				
5432	— 14 5967	9.1	....	...	72.73	70.0	6 37.21	1	3.3114	— 0.0112	+ 0.0002	— 14 36 31.8	1	14.584	0.325	— 0.1				
5433	+ 45 3438	6.5	7.3	...	73.81	70.0	6 46.38	5	2.1500	+ 0.0045	+ 0.0006	+ 45 9 45.6	5	14.593	0.209	— 0.05				
5434	— 10 5624	8.9	....	9	76.80	76.0	6 55.99	2	3.2362	— 0.0090	+ 0.0002	— 10 8 34.1	2	14.603	0.317	— 0.15				
5435	— 11 5552	8.6	....	8	80.7	80.0	7 14.39	..	3.2617	— 0.0097	+ 0.0002	— 11 41 42.9	..	14.621	0.319	— 0.15				
5436	+ 3 4522	8.9	9.0	...	73.71	73.0	7 18.96	1	3.0069	— 0.0031	+ 0.0003	+ 4 5 9.8	1	14.626	0.294	— 0.12				
5437	— 12 5941	9.1	....	9.1 <sup>h</sup>	80.7	80.0	7 23.10	..	3.2768	— 0.0102	+ 0.0002	— 12 36 22.8	..	14.630	0.320	— 0.15				
5438	.....	...	....	9½	67.7	67.0	7 29.75	..	3.4803	— 0.0171	+ 0.0002	— 24 3 40.7	..	14.637	0.341	— 0.15				
5439	+ 4 4629	9.2	....	...	69.66	70.0	7 50.72	4	2.9952	— 0.0028	+ 0.0003	+ 4 49 30.8	4	14.657	0.292	— 0.12				
5440	+ 67 1291	8.7	Var.	...	80.68	80.0	7 52.97	2	0.8162	— 0.0289	— 0.028	+ 67 58 55.1	2	14.660	0.075	— 0.06				

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5401	89 359, 94 293	Berlin	Santini, 2370	26 <sup>s</sup> 60	11 <sup>m</sup> 7	
5402	81 74	Berlin	Santini, 1938	40.27	18.3	Siehe Noten.
5403	112 187	Cap	Arg.-Weiss 16637	46.05	45.5	
5404	84 147	Madras	Gill-Kapteyn Phot. D. M.	52.0	57'9	
5405	69 76	Berlin, Romberg	Arg.-Oeltzen 21658-9	53.42	45 <sup>m</sup> 1	Bonn A. G. C. 15074, 53 <sup>s</sup> .52, 45 <sup>m</sup> .9; 8 <sup>m</sup> .9.
5406	81 366	Leipzig, Engelmann	Pulkowa Cat. 1875.0 4790	17.75	48.1	E. B. + 0 <sup>s</sup> .0013 — 0 <sup>s</sup> .014 nach Pulk. Cat.
5407	81 74	Berlin	.....	.....	.....	Bonn A. G. C. 15080, 17 <sup>s</sup> .86, 49 <sup>m</sup> .2; 4 <sup>m</sup> .9.
5408	81 74	Berlin	Santini, 1939	30.69	58.6	Siehe Noten.
5409	72 114	Berlin, Romberg	Cordoba G. C. 29018	34.76	24.1	
5410	81 74	Berlin	Santini, 1940	41.50	20.7	Siehe Noten.
5411	94 195	Gotha, Donner	M <sub>1</sub> 11274	43.17	14.3	
5412	92 247	Pola, J. Palisa	Berlin A. G. C. B. 8111	43.56	16.3	
5413	108 7	Königsberg, Rahts	Dorpat A. G. Z. Vol. XVII	57.71	53.1	
5414	112 187	Cap	[p. (14)] Arg.-Weiss 16635	19.15	50.8	
5415	111 55, 102 288	Hamburg, Schrader	Wash. Tr. Zones 181 Nr. 15	56.47	44.7	
5416	94 293	Berlin, Tietjen	Cordoba G. C. 29046	2.44	35.0	
5417	94 195	Gotha, Donner	Weisse, 46, B. Z. 198	12.12	31.7	Berlin A. G. C. B. 8120, 11 <sup>s</sup> .83, 30 <sup>m</sup> .5; 8 <sup>m</sup> .7.
5418	96 230 u. 316, 98 213	Kremsm., Strasser	Arg.-Weiss 16662	25.31	0.4	
5419	111 91	Königsberg, Rahts	Weisse, 54, B. Z. 309	29.45	13.0	Siehe Noten.
5420	103 346	Kopenhagen, Pechüle	Weisse, 55-6, B. Z. 303-309	32.45	20.3	
5421	72 114	Berlin, Romberg	Cordoba G. C. 29064	46.80	53.5	
5422	110 196	Albany, Tucker	Dorpat A. G. Z. Vol. XVII	57.25	22.9	
5423	81 74	Berlin	Santini, 4945 [p. (14)]	1.05	50.5	Siehe Noten.
5424	75 174	Warschau	Albany A. G. C. 7421	1.89	1.7	
5425	84 181	Leipzig, Engelmann	Struve Pos. med. 2569	21.34	59.4	Siehe Noten. Bonn A. G. C. 15144, 21 <sup>s</sup> .40, 59 <sup>m</sup> .1; 8 <sup>m</sup> .9.
5426	84 181	Leipzig, Engelmann	Struve Pos. med. 2570	38.84	18.7	Siehe Noten. Bonn A. G. C. 15153, 39 <sup>m</sup> .04, 18 <sup>m</sup> .6; 8 <sup>m</sup> .9.
5427	72 115	Berlin, Romberg	M <sub>1</sub> 27597	14.09	55.7	Bonn. med.
5428	81 74	Berlin	Weisse, 78, B. Z. 117	23.31	47.1	Weisse und B. Z. um + 1 <sup>s</sup> corrigirt nach E. Luther.
5429	90 203, 89 359	Leipzig	B. D. — 10° 5422	32.9	20'5	
5430	94 311	Berlin, Tietjen	.....	.....	.....	
5431	81 74	Berlin	.....	.....	.....	
5432	81 74	Berlin	B. D. — 14° 5967	37.3	36'5	
5433	104 199	Leipzig, Engelmann	Rümker 9000	46.44	47 <sup>m</sup> 4	Bonn A. G. C. 15175, 46 <sup>s</sup> .64; 46 <sup>m</sup> .5; 6 <sup>m</sup> .5.
5434	94 311	Berlin, Tietjen	Schjellerup 8562	55.70	31.6	
5435	100 359	Kremsmünster	Santini, 2381	14.50	44.2	
5436	88 186	Wien, Holetschek	Albany A. G. C. 7435	18.97	7.1	
5437	100 359	Kremsmünster	Küstner 563	23.28	23.0	
5438	71 235	Washington	Cordoba Z. Cat. 229	29.87	44.8	Scheinb. Aeq. 1867 Juli 30. Red. auf 1867.0
5439	81 74	Berlin	Albany A. G. C. 7437	50.64	28.9	— 3 <sup>s</sup> .025 — 20 <sup>m</sup> .02
5440	98 239, 103 33	Moskau, Sokoloff	Christiania A. G. C. 3291	53.04	55.5	T Cephei

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHÉ DER		MITTLERE A.R. 1875.0	ZAHl DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHl DER BEOB.	PRAECESSION IN DECL. 1875.0						
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.				
					1800 +															
5441	— 18° 5893	8.8	8½	10	84.7	84.0	21h 8m 7s 34	4	+ 3.3793	— 0.0136	+ 0.0002	— 18° 37' 11" 6	4	14.674	+ 0.329	— 0.18				
5442	— 7 5522	7.2	....	7½	80.7	80.0	8 15.98	5	3.1938	— 0.0078	+ 0.0002	— 7 36 11.0	5	14.683	0.311	— 0.15				
5443	— 13 5888	8.6	....	9	80.7	80.0	8 23.90	..	3.2923	— 0.0107	+ 0.0002	— 13 35 33.0	..	14.691	0.320	— 0.16				
5444	» » »	»	....	8-9	80.83	80.0	23.96	3	»	»	»	33.0	3	»	»	»				
5445	— 16 5827	8.3	....	8-9	?	79.0	8 37.94	..	3.3434	— 0.0124	+ 0.0002	— 16 36 24.6	..	14.704	0.325	— 0.17				
5446	— 13 5891	6.5	....	6.9	71.68	70.0	9 8.64	2	3.2933	— 0.0108	+ 0.0002	— 13 43 8.8	2	14.735	0.319	— 0.16				
5447	— 14 5977	9.0	....	9-10	71.79	70.0	9 10.99	2	3.2980	— 0.0109	+ 0.0002	— 13 58 52.1	2	14.737	0.320	— 0.16				
5448	+ 4 4633	8.8	....	8.5	69.66	70.0	9 15.63	4	2.9930	— 0.0027	+ 0.0003	+ 4 59 53.5	4	14.742	0.290	— 0.12				
5449	+ 12 4586	9.5	9.5	9	75.68	80.0	9 38.80	2	2.8654	— 0.0001	+ 0.0004	+ 12 52 47.7	2	14.765	0.276	— 0.11				
5450	.....	...	8.9	10.7	67.86	65.0	9 49.52	1	3.4852	— 0.0175	+ 0.0002	— 24 33 3.9	1	14.775	0.337	— 0.19				
5451	.....	...	....	7.3	77.73	75.0	9 55.30	3	3.8131	— 0.0317	+ 0.0003	— 39 20 59.0	3	14.781	0.369	— 0.25				
5452	— 17 6224	9.3	....	10.0	.....	65.0	9 58.63	..	3.3618	— 0.0131	+ 0.0002	— 17 46 7.9	..	14.784	0.325	— 0.17				
5453	— 8 5617	8.0	...	8.0	80.7	80.0	10 3.66	3	3.2020	— 0.0081	+ 0.0003	— 8 10 30.7	2	14.789	0.309	— 0.15				
5454	— 10 5636	7.2	....	6.9	70.7	70.0	10 13.63	4	3.2420	— 0.0093	+ 0.0003	— 10 39 18..	..	14.799	0.313	— 0.16				
5455	— 13 5897	6.7	....	6.5	71.69	70.0	10 22.64	2	3.2937	— 0.0109	+ 0.0002	— 13 48 0.8	2	14.808	0.318	— 0.16				
5456	+ 0 4696	9.0	....	9	77.74	75.0	10 28.42	1	3.0621	— 0.0043	+ 0.0004	+ 0 38 41.6	1	14.813	0.295	— 0.14				
5457	.....	...	....	...	75.67	80.0	10 34.44	1	2.8660	— 0.0001	+ 0.0004	+ 12 53 49.2	1	14.819	0.275	— 0.11				
5458	— 10 5637	8.7	....	9	70.7	70.0	10 35.66	4	3.2408	— 0.0093	+ 0.0003	— 10 35 54.7	..	14.821	0.311	— 0.16				
5459	+ 19 4667	9.5	....	...	.....	74.0	10 41.66	1	2.7465	+ 0.0019	+ 0.0005	+ 19 53 22.7	..	14.827	0.263	— 0.10				
5460	» » »	»	9	...	76.69	75.0	41.75	1	»	»	»	20.1	..	»	»	»				
5461	— 7 5529	9.0	....	9.0	80.7	80.0	11 0.15	2	3.1856	— 0.0076	+ 0.0003	— 7 11 15.6	1	14.845	0.306	— 0.15				
5462	+ 5 4745	8.9	9.0	9.0	73.69	73.0	11 4.57	1	2.9912	— 0.0026	+ 0.0004	+ 5 9 10.7	1	14.849	0.287	— 0.15				
5463	+ 19 4671	9.0	....	...	74.7	74.0	11 22.97	2	2.7500	+ 0.0018	+ 0.0005	+ 19 45 10.6	2	14.867	0.263	— 0.10				
5464	— 6 5731	8.9	....	9	80.7	80.0	11 31.48	1	3.1771	— 0.0074	+ 0.0003	— 6 40 15.7	1	14.875	0.304	— 0.15				
5465	+ 19 4673	7.0	....	9	74.7	74.0	11 56.85	2	2.7557	+ 0.0018	+ 0.0005	+ 19 28 59.5	2	14.900	0.262	— 0.12				
5466	— 2 5504	8.3	....	...	65.63	65.0	12 16.76	2	3.1138	— 0.0057	+ 0.0003	— 2 39 37.8	2	14.920	0.297	— 0.14				
5467	— 18 5910	9.5	9	...	84.7	84.0	12 46.02	3	3.3646	— 0.0134	+ 0.0002	— 18 9 41.5	3	14.948	0.321	— 0.18				
5468	— 10 5651	8.9	....	9	70.7	70.0	13 23.05	4	3.2408	— 0.0093	+ 0.0003	— 10 44 37..	..	14.984	0.308	— 0.16				
5469	— 5 5520	9.0	....	9	72.79	72.0	13 29.28	2	3.1599	— 0.0069	+ 0.0003	— 5 38 3.0	2	14.990	0.300	— 0.15				
5470	+ 5 4753	9.5	....	9.5	69.67	70.0	13 31.25	4	2.9879	— 0.0025	+ 0.0004	+ 5 25 27.1	4	14.992	0.283	— 0.15				
5471	— 22 5668	8.2	....	8	76.76	76.0	13 32.23	3	3.4476	+ 0.0165	+ 0.0002	— 22 54 53.7	3	14.993	0.327	— 0.15				
5472	» » »	»	....	7-8	.....	76.0	32.26	..	»	»	»	56.7	..	»	»	»				
5473	+ 21 4518	7.5	....	8	84.7	84.0	13 33.02	..	2.7162	+ 0.0025	+ 0.0005	+ 21 51 7.8	..	14.994	0.257	— 0.10				
5474	» » »	»	....	7.8	84.7	84.0	33.03	4	»	»	»	8.8	4	»	»	»				
5475	— 13 5912	8.0	....	8-9	71.68	70.0	13 57.21	2	3.2836	— 0.0107	+ 0.0002	— 13 24 50.1	2	15.017	0.311	— 0.16				
5476	— 11 5578	8.0	....	8-9	65.74	65.0	14 2.39	2	3.2585	— 0.0099	+ 0.0003	— 11 52 38.1	2	15.022	0.308	— 0.16				
5477	— 9 5716	9.0	....	9	77.85	77.0	14 10.83	1	3.2215	— 0.0088	+ 0.0003	— 9 34 12.4	1	15.031	0.304	— 0.16				
5478	— 10 5655	9.2	9.3	...	67.67	65.0	14 37.37	2	3.2335	— 0.0091	+ 0.0003	— 10 20 57.9	2	15.056	0.305	— 0.16				
5479	— 16 5849	8.3	....	8	.....	79.0	14 52.26	..	3.3336	— 0.0124	+ 0.0002	— 16 30 25.7	..	15.070	0.314	— 0.17				
5480	— 12 5976	9.2	....	9	71.69	70.0	15 1.30	2	3.2741	— 0.0104	+ 0.0003	— 12 53 51.9	2	15.079	0.308	— 0.16				

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5441	112 187	Cap	Wash. Tr. Zones 193 Nr. 32	7 <sup>m</sup> 34	9 <sup>m</sup> 6	
5442	100 246	Königsberg, Rahts	Cordoba G. C. 29155	15.86	12.3	
5443	100 359	Kremsmünster	Schjellerup 8575	23.91	33.6	
5444	111 359 u. 100 359	Hamburg, Schrader	Santini, 1952	23.95	31.3	
5445	96 230, 98 253	Kremsmünster	Arg.-Weiss 16707	38.09	25.3	
5446	81 74	Berlin	Cordoba G. C. 29176	8.66	8.6	
5447	81 74	Berlin	Santini, 1955	10.79	49.1	
5448	81 74	Berlin	Albany A. G. C. 7445	15.60	50.8	
5449	88 27	Berlin, Becker u. [Knorre	Weisse, 178, B. Z. 28	38.80	51.9	
5450	72 114	Berlin, Romberg	Gill-Kapteyn Phot. D. M.	48.5	34' 5	Siehe Noten.
5451	92 247	Pola, J. Palisa	Cordoba G. C. 29191	56.13	53 <sup>m</sup> 5	E. B. — 0 <sup>s</sup> .280, — 1 <sup>m</sup> .22 nach Porter Pr. Mot. 1183.
5452	68 263	Wien	M <sub>2</sub> 11416	58.36	8.9	
5453	100 246	Königsberg, Rahts	Pulkowa Cat. 1875.0 4819	3.61	32.3	Σ 2781. Kön. erwähnt keine Dupl. In Pulk. med. beob.
5454	77 367	Durham, Plummer	Cordoba G. C. 29196	13.66	16.9	Bloss A. R. scharf bestimmt.
5455	81 74	Berlin	Cordoba G. C. 29201	22.75	59.8	
5456	92 247	Pola, J. Palisa	M <sub>1</sub> 27844	28.50	44.0	
5457	88 27	Berlin, Becker	Leiden, Mikrom. Anschluss	34.4	53' 8	Siehe Noten.
5458	77 367	Durham, Plummer	M <sub>1</sub> 27857	35.82	51 <sup>m</sup> 7	Bloss A. R. scharf bestimmt.
5459	94 195	Gotha, Donner	B. D. + 19° 4667	40.1	52' 2	
5460	92 247	Pola, J. Palisa	.....	...	....	
5461	100 246	Königsberg, Rahts	v. Kuffn. Public. III Z. 85	59.98	18 <sup>m</sup> 0	
5462	88 136	Wien, Holetschek	Albany A. G. C. 7458	4.43	8.8	
5463	85 298	Wien	B. D. + 19° 4671	23.2	46' 4	
5464	100 246	Königsberg, Rahts	M <sub>1</sub> 27903	32.18	18 <sup>m</sup> 1	
5465	85 298	Wien	M <sub>1</sub> 27927	57.13	57.8	
5466	67 25	Leiden, v. Hennekeler	Karlsruhe Heft II, S. 203	16.72	39.8	Siehe Noten.
5467	112 188	Cap	B. D. — 18° 5910	46.3	9' 5	
5468	77 367	Durham, Plummer	Schjellerup 8618	22.88	37 <sup>m</sup> 3	Bloss A. R. scharf bestimmt.
5469	82 14	Neuenburg, Becker	Schjellerup 8620	28.97	3.9	
5470	81 74	Berlin	B. B. VI 4753	31.32	29.5	
5571	94 311	Berlin, Tietjen	Cordoba G. C. 29271	32.20	51.7	
5472	90 199	Berlin	Arg.-Weiss 16754	32.16	52.1	
5473	109 387	Kiel, R. Schumacher	Lalande 41437	33.22	16.2	
5474	110 345, 111 203	Hamburg, Schrader	Berlin A. G. C. B. 8173	33.03	8.3	
5475	81 74	Berlin	Santini, 1970	57.17	47.0	
5476	69 77	Berlin, Romberg	Santini, 2395	2.17	55.2	
5477	94 291	Berlin, Tietjen	Weisse, 286, B. Z. 102	10.79	14.3	
5478	72 115	Berlin, Romberg	B. D. — 10° 5655	37.9	21' 1	
5479	96 316	Kremsmünster	Arg.-Weiss 16763	52.31	24 <sup>m</sup> 2	
5480	81 74	Berlin	Santini, 1973	1.08	50.9	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800 +												
5481	+ 13°4677	9.0	9	9.5	75.67	80.0	21 <sup>h</sup> 15 <sup>m</sup> 6 <sup>s</sup> .93	2	+ 285554	+0.0003	+0.0005	+13°49'49"0	2	15"084	+0"268	- 0"11	
5482	+ 28 4058	7.6	....	8	72.7	72.0	15 10.66	3	2.5980	+0.0040	+0.0006	+28 18 15.1	3	15.088	0.243	- 0.09	
5483	.....	...	....	7.3	80.6	80.0	15 14.79	3	3.5799	-0.0220	+0.0003	-29 57 57.5	3	15.092	0.336	- 0.21	
5484	- 9 5724	7.0	6.7	7.0	66.70	65.0	15 16.06	2	3.2252	-0.0089	+0.0003	- 9 51 24.5	2	15.093	0.303	- 0.16	
5485	- 4 5433	8.2	....	8	80.83	80.0	15 19.35	3	3.1446	-0.0065	+0.0003	- 4 42 2.1	3	15.096	0.295	- 0.15	
5486	.....	...	10-11	9½	80.6	80.0	15 47.96	4	3.5809	-0.0221	+0.0003	-30 5 12.8	4	15.124	0.336	- 0.21	
5487	- 9 5728	6.5	7	6.2	66.70	65.0	16 14.20	2	3.2244	-0.0089	+0.0003	- 9 51 2.3	2	15.149	0.302	- 0.16	
5488	+ 30 4412	9.1	....	9.2	72.66	72.0	16 47.71	2	2.5489	+0.0046	+0.0006	+30 55 34.1	2	15.181	0.236	- 0.09	
5489	+ 28 4067	8.9	8.9	...	.....	83.0	16 54.27	..	2.5967	+0.0042	+0.0006	+28 34 23.0	..	15.187	0.241	- 0.09	
5490	- 11 5587	9.0	....	9.0	65.74	65.0	16 59.56	2	3.2455	-0.0096	+0.0003	-11 13 52.0	2	15.192	0.302	- 0.16	
5491	+ 71 1059	9.2	9.2	9.2	83.27	83.0	17 7.11	2	0.4840	-0.0495	-0.057	+71 22 38.3	2	15.199	0.039	- 0.08	
5492	- 22 5680	9.6	....	...	67.7	67.0	17 15.80	..	3.4294	-0.0161	+0.0003	-22 16 51.6	..	15.207	0.320	- 0.19	
5493	- 11 5588	9.1	9	9	66.79	65.0	17 29.41	1	3.2438	-0.0096	+0.0003	-11 8 48.1	1	15.220	0.302	- 0.16	
5494	» »	»	....	9.0	.....	65.0	29.49	1	»	»	»	47.0	1	»	»	»	
5495	- 10 5663	9.0	9	...	66.80	65.0	17 30.63	1	3.2291	-0.0091	+0.0003	-10 12 56.8	1	15.221	0.300	- 0.16	
5496	- 10 5664	9.1	9	9	66.78	65.0	17 34.74	1	3.2398	-0.0094	+0.0003	-10 54 1.9	1	15.225	0.301	- 0.16	
5497	» »	»	....	9.0	65.8	65.0	34.99	4	»	»	»	1.8	4	»	»	»	
5498	- 21 6011	9.0	9	9	75.74	80.0	17 56.73	2	3.4055	-0.0153	+0.0003	-20 59 33.8	2	15.246	0.316	- 0.13	
5499	- 16 5859	9.0	....	10	.....	79.0	18 1.82	..	3.3297	-0.0125	+0.0003	-16 30 57.5	..	15.251	0.309	- 0.17	
5500	+ 21 4535	8.8	....	9.0	72.73	70.0	18 2.20	1	2.7349	+0.0025	+0.0005	+21 14 14.3	1	15.251	0.252	- 0.10	
5501	- 4 5443	8.3	8.9	7	67.91	65.0	18 8.65	1	3.1462	-0.0066	+0.0003	- 4 52 26.8	1	15.258	0.291	- 0.15	
5502	- 14 6019	8.5	8	8.7	73.66	70.0	18 22.42	2	3.2888	-0.0111	+0.0003	-14 1 50.1	2	15.271	0.304	- 0.17	
5503	.....	...	....	9	67.89	65.0	18 26.19	1	3.4494	-0.0170	+0.0003	-23 31 28.7	1	15.274	0.319	- 0.19	
5504	- 10 5668	5.5	....	5.8	65.8	65.0	18 29.85	2	3.2293	-0.0091	+0.0003	-10 16 46.2	2	15.278	0.298	- 0.16	
5505	» »	»	6	5.7	66.28	65.0	29.97	2	»	»	»	43.7	2	»	»	»	
5506	- 14 6020	7.2	7.5	6.8	73.77	73.0	18 32.98	2	3.3012	-0.0115	+0.0003	-14 48 51.2	2	15.281	0.305	- 0.17	
5507	- 2 5532	8.7	....	9	65.85	65.0	18 38.23	1	3.1152	-0.0057	+0.0003	- 2 50 39.0	1	15.285	0.287	- 0.14	
5508	- 11 5594	9.0	8.9	9.0	66.84	65.0	18 55.74	1	3.2411	-0.0095	+0.0003	-11 3 29.6	1	15.302	0.298	- 0.16	
5509	- 9 5740	8.8	....	8.7	77.85	77.0	18 56.64	1	3.2107	-0.0085	+0.0003	- 9 6 0.7	1	15.303	0.296	- 0.16	
5510	+ 31 4437	8.6	....	8.3	72.73	70.0	19 1.67	2	2.5484	+0.0048	+0.0006	+31 14 14.0	2	15.308	0.235	- 0.09	
5511	- 21 6015	8.8	....	8.8	.....	76.0	19 4.49	..	3.4067	-0.0154	+0.0003	-21 10 14.8	..	15.310	0.314	- 0.18	
5512	» »	»	....	...	76.78	76.0	4.52	4	»	»	»	14.7	4	»	»	»	
5513	+ 20 4909	9.0	8.0	9.0	73.74	73.0	19 23.04	1	2.7457	+0.0024	+0.0005	+20 44 44.6	1	15.328	0.252	- 0.10	
5514	- 17 6267	9.6	8½	...	84.7	84.0	19 31.42	2	3.3389	-0.0129	+0.0003	-17 11 58.2	2	15.335	0.307	- 0.17	
5515	+ 18 4788	8.7	8.9	9	77.44	75.0	19 35.39	4	2.7904	+0.0017	+0.0005	+18 7 14.1	4	15.339	0.255	- 0.10	
5516	» »	»	....	...	74.7	74.0	35.43	2	»	»	»	15.9	2	»	»	»	
5517	» »	»	....	...	.....	74.0	35.46	1	»	»	»	14.5	1	»	»	»	
5518	- 12 5994	7.5	7	7.0	65.72	65.0	19 37.57	2	3.2651	-0.0103	+0.0003	-12 37 34.5	2	15.341	0.300	- 0.16	
5519	- 6 5757	8.0	8	8	74.84	70.0	19 59.69	2	3.1708	-0.0073	+0.0003	- 6 32 26.1	..	15.362	0.291	- 0.15	
5520	- 21 6020	6.4	6.5	6.1	83.65	83.0	20 9.55	6	3.4146	-0.0158	+0.0003	-21 44 11.3	6	15.371	0.313	- 0.19	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	REOB. ORT UND BEOBACHTER.	N A M E N DER VERGlichenEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5481	88 27	Berlin, Becker	Schjellerup 8632	7 <sup>80</sup> 8	49"0	
5482	81 63	Königsb., Oppenheim	Weisse, 335, B. Z. 326	10.90	14.5	
5483	101 85	Madrid	Cordoba G. C. 29294	14.91	58.8	
5484	69 77	Berlin, Romberg	Yarnall 9574	15.97	23.8	
5485	111 56, 101 202	Hamburg, Schrader	Glasgow Cat. I 5433	19.16	3.2	
5486	101 85	Madrid	Cordoba Z. C. 494	48.03	12.1	
5487	69 77	Berlin, Romberg	Cordoba G. C. 29312	14.09	3.6	
5488	81 156	Leiden, Valentiner	Pulkowa Cat. 1875.0 4850	47.83	32.8	
5489	109 382	Pulkowa, Romberg	B. D. + 28° 4067	54.7	34' 3	
5490	69 77, 67 121	Berlin, Romberg	Yarnall 9592	59.60	54"0	
5491	108 7	Königsberg, Rahts	B. B. VI 1059	6.19	37.5	
5492	71 235	Washington	B. D. — 22° 5680	16.6	17' 2	Scheinb. Ort. 1867 Juli 16. Red. auf 1867.0 [— 2 <sup>s</sup> .743 — 19".94
5493	69 77	Berlin, Romberg	Santini, 2401	29.17	48"7	
5494	69 364	Königsberg, Sievers	Yarnall 9598	29.23	46.0	
5495	69 77, 72 115, 88 281	Berlin, Romberg	Santini, 2402	30.26	46.1	A. N. 72 A. R. um 0 <sup>s</sup> .02 grösser, 3 um 0".2 südlicher. [A. N. 88 A. R. um 0 <sup>s</sup> .01 gr., 3 um 0".4 süd.
5496	69 77	Berlin, Romberg	Kam 4229	35.00	0.6	
5497	69 364	Königsberg, Lorek	B. B. VI Seite 333	35.00	0.6	Siehe Noten.
5498	88 27	Berlin, Becker u. [Knorre	Arg-Weiss 16798	56.36	31.7	
5499	96 229	Kremsm., Strasser	M <sub>1</sub> 28294	1.64	0.6	
5500	81 74	Berlin	Berlin A. G. C. B. 8204	2.47	12.3	
5501	72 115, 82 61	Berlin, Romberg	M <sub>1</sub> 28303	8.70	26"7	
5502	84 235	Berlin, Knorre	Schjellerup 8662-3	22.49	49.7	
5503	72 115	Berlin, Romberg	Arg.-Weiss 16802	26.20	23.1	
5504	69 363	Königsberg, Sievers	Cordoba G. C. 29355	29.91	46.9	E. B. — 0 <sup>s</sup> .020 — 0".17 nach Porter Pr. Mot. 1191. E. B. nach Greenw., Cat. — 0 <sup>s</sup> .0021 — 0".167.
5505	69 77, 67 121	Berlin, Romberg	Greenw. 10 Y. Cat. 3577	29.88	47.4	
5506	84 181	Leipzig, Engelmann	Cordoba G. C. 29356	33.02	51.1	
5507	67 25	Leiden, Kam	Weisse, 400, B. Z. 16 u. 18	38.19	43.0	
5508	69 77	Berlin, Romberg	M <sub>2</sub> 11586	54.86	28.3	A. N. A. R. um — 8 <sup>s</sup> corrigirt. Siehe Noten.
5509	94 291	Berlin, Tietjen	Schjellerup 8667	56.20	1.0	
5510	81 74	Berlin	Leiden A. G. Z. 111, 217	1.65	15.5	Pulk. Cat. 1875.0 4861, 1 <sup>s</sup> 58, 15".2; 8 <sup>m</sup> .3.
5511	90 199	Berlin	B. D. — 21° 6015	4.6	10' 2	
5512	94 311	Berlin, Tietjen	.....	.....	.....	
5513	83 166	Wien, Holetschek	Berlin A. G. C. B. 8215	23.31	43"3	
5514	112 188	Cap	B. D. — 17° 6267	30.9	11' 8	
5515	92 247, 111 231	Pola, J. Palisa	Weisse, 450, B. Z. 193	35.48	14"7	
5516	85 298, 87 355	Wien	.....	.....	.....	
5517	94 195	Gotha, Donner	.....	.....	.....	
5518	69 77	Berlin, Romberg	Cordoba G. C. 29384	37.48	39.8	E. B. + 0 <sup>s</sup> .002, — 0".25 Porter Prop. Mot. 1192.
5519	86 215	Berlin, Knorre	Glasgow Cat. I 5462	59.57	26.7	
5520	106 327	Neuenbürg, Hilfkier	Cordoba G. C. 29392	9.41	7.4	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmusterung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875 0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3.Glied.			Var. annua.	Var. saec.	3.Glied.
		B. D.	A. N.	Quelle:	Beob.	Pos.										
					1800 +											
5521	— 20°6212	8.4	8.5	8.5	75.70	80.0	21 <sup>h</sup> 20 <sup>m</sup> 26 <sup>s</sup> 93	2	+ 3 <sup>s</sup> 3981	—0 <sup>s</sup> 0152	+0 <sup>s</sup> 003	—20°48' 26"4	2	15"388	+0"311	—0"13
5522	— 9 5748	8.5	9	9	65.68	65.0	20 38.62	2	3.2167	—0.0088	+0.003	— 9 34 19.9	2	15.398	0.294	—0.16
5523	— 11 5602	8.4	8	8.2	66.64	65.0	20 44.10	1	3.2496	—0.0099	+0.003	—11 42 16.9	1	15.404	0.297	—0.16
5524	— 12 5998	7.3	7.8	7	66.18	65.0	20 51.93	2	3.2573	—0.0101	+0.003	—12 12 22.3	2	15.411	0.297	—0.16
5525	+ 20 4919	7.3	7.0	8	73.73	73.0	20 52.92	1	2.7580	+0.0024	+0.005	+20 10 22.9	1	15.412	0.251	—0.13
5526	— 12 6001	8.5	....	8½	71.66	70.0	21 18.06	2	3.2610	—0.0090	+0.003	—12 28 12.9	2	15.435	0.297	—0.16
5527	» »	»	....	8-9	....	65.0	18.10	2	»	»	»	13.4	2	»	»	»
5528	» »	»	8	10	65.74	65.0	18.12	1	»	»	»	13.1	1	»	»	»
5529	.....	...	....	10	76.76	76.0	21 18.18	2	3.2241	—0.0090	+0.003	—10 5 16.7	2	15.436	0.294	—0.16
5530	— 12 6005	7.0	....	6.8	71.69	70.0	21 27.61	2	3.2552	—0.0101	+0.003	—12 6 32.7	2	15.444	0.296	—0.16
5531	— 9 5753	7.5	8	8	65.79	65.0	22 11.47	1	3.2149	—0.0088	+0.003	— 9 31 58.0	1	15.485	0.291	—0.16
5532	— 10 5678	9.3	9	9.5	66.77	65.0	22 16.09	2	3.2324	—0.0093	+0.003	—10 40 45.1	2	15.489	0.292	—0.16
5533	— 10 5680	9.5	....	...	76.76	76.0	22 28.84	2	3.2241	—0.0091	+0.003	—10 9 0.2	2	15.501	0.292	—0.16
5534	— 10 5681	9.0	9	9	66.79	65.0	22 33.95	2	3.2341	—0.0094	+0.003	—10 48 34.5	2	15.506	0.292	—0.16
5535	— 4 5459	8.7	9	8	76.89	75.0	22 37.77	1	3.1429	—0.0065	+0.003	— 4 46 5.7	1	15.509	0.284	—0.15
5536	— 13 5945	9.1	9	9.2	65.75	65.0	23 5.86	2	3.2681	—0.0106	+0.003	—13 2 45.4	2	15.535	0.295	—0.17
5537	— 9 5758	8.8	9	9	67.68	65.0	23 17.84	2	3.2082	—0.0086	+0.003	— 9 8 51.4	2	15.546	0.289	—0.16
5538	— 0 4226	9.0	....	9	....	80.0	23 22.08	..	3.0783	—0.0046	+0.004	— 0 24 14.6	..	15.550	0.276	—0.14
5539	» »	»	....	9.0	....	80.0	22.15	3	»	»	»	16.1	3	»	»	»
5540	» »	»	....	...	....	80.0	22.26	4	»	»	»	13.4	3	»	»	»
5541	— 16 5876	8.4	8½	8.5	84.7	84.0	23 22.34	4	3.3279	—0.0128	+0.003	—16 51 1.4	4	15.550	0.300	—0.15
5542	— 17 6301	9.1	9-10	...	74.84	70.0	23 35.11	2	3.3374	—0.0131	+0.003	—17 27 10.8	2	15.562	0.300	—0.15
5543	— 13 5947	9.1	....	9	65.85	65.0	23 43.08	1	3.2662	—0.0105	+0.003	—12 57 50.4	1	15.570	0.293	—0.17
5544	» »	»	9	9	66 27	65.0	43.22	2	»	»	»	51.1	2	»	»	»
5545	— 16 5978	9.0	9	9.2	84.7	84.0	24 4.46	4	3.3198	—0.0125	+0.003	—16 24 9.9	4	15.589	0.298	—0.15
5546	— 13 5953	8.2	7.8	8-9	65.68	65.0	24 47.09	2	3.2666	—0.0106	+0.003	—13 3 44.9	2	15.628	0.292	—0.17
5547	— 9 5762	8.8	9	9	67.66	65.0	24 47.57	2	3.2093	—0.0087	+0.003	— 9 17 28.9	2	15.629	0.287	—0.16
5548	— 3 5232	9.2	9	9	67.88	65.0	25 3.79	2	3.1253	—0.0060	+0.004	— 3 37 47.5	2	15.643	0.278	—0.15
5549	.....	...	....	10	67.90	67.0	25 6.20	1	3.4378	—0.0172	+0.004	—23 36 33.5	1	15.646	0.307	—0.19
5550	— 13 5955	8.3	8	10	65.69	65.0	25 9.92	2	3.2701	—0.0108	+0.004	—13 18 56.6	2	15.649	0.291	—0.17
5551	» »	»	....	9.0	65.71	65.0	10.01	2	»	»	»	57.1	2	»	»	»
5552	— 17 6306	10.0	10.2	...	74.84	70.0	25 26.16	2	3.3336	—0.0131	+0.004	—17 22 52.5	2	15.664	0.297	—0.17
5553	— 16 5881	8.5	....	9	79.7	79.0	25 31.08	1	3.3156	—0.0124	+0.004	—16 15 37.9	1	15.668	0.295	—0.17
5554	» »	»	....	...	79.7	79.0	31.29	3	»	»	»	35.5	2	»	»	»
5555	+ 0 4740	8.8	....	8.7	80.7	80.0	25 35.70	3	3.0607	—0.0041	+0.004	+ 0 47 38.5	3	15.672	0.272	—0.14
5556	— 1 4172	9.5	9.2	...	66.65	66.0	25 39.03	3	3.0907	—0.0050	+0.004	— 1 15 54.7	3	15.675	0.274	—0.14
5557	— 14 6058	8.7	....	9	72.72	70.0	25 49.69	2	3.2798	—0.0111	+0.004	—13 59 17.2	2	15.685	0.291	—0.17
5558	— 11 5619	8.7	....	8-9	70.7	70.0	25 51.53	4	3.2356	—0.0096	+0.004	—11 5 47..	..	15.68	....	—0.16
5559	— 13 5960	9.5	....	...	72.67	....	26 8.74	2	3.2764	—0.0110	+0.004	—13 47 43.3	2	15.703	0.290	—0.17
5560	— 19 6118	9.8	....	10	76.79	76.0	26 15.93	3	3.3731	—0.0147	+0.004	—19 54 3.3	3	15.709	0.299	—0.15



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5521	88 27	Berlin, Knorre	B. B. VI S. 364 Nr. 30	26 <sup>s</sup> 82	27"1	Berlin A. G. C. B. 8222, 52 <sup>s</sup> .91, 22"5; 7 <sup>m</sup> .6. Siehe Not.  A. N. Declin. um + 7"2 corrigirt. Siehe Noten.
5522	69 77, 67 247	Berlin, Romberg	M <sub>1</sub> 28425	38.71	21.6	
5523	69 77	Berlin, Romberg	B. B. VI S. 333	43.99	17.3	
5524	69 77, 67 121, 78 323	Berlin, Romberg	Cordoba G. C. 29405	51.92	20.5	
5525	88 136	Wien, Holetschek	Kam 4266	52.83	23.8	
5526	81 74	Berlin	Cordoba G. C. 29416	18.04	13.3	
5527	69 381	Leiden, v. Hennekeler	Santini, 2408	17.76	11.4	
5528	69 77	Berlin, Romberg	M <sub>1</sub> 28461	18.18	15.2	
5529	94 311	Berlin, Tietjen	A. N. 88 281	17.98	14.0	
5530	81 74	Berlin	Cordoba G. C. 29421	27.61	33.4	
5531	69 77, 67 121	Berlin, Romberg	Schjellerup 8692	11.44	59.8	E. B. nach Pulk. Cat. + 0 <sup>s</sup> .0649 — 0"'.264. " Porter Pr. M. 1196 + 0.070 — 0.28.
5532	69 77	Berlin, Romberg	Schjellerup 8693	15.59	45.5	
5533	89 359, 94 293	Berlin, Tietjen	B. D. — 10° 5680	29.0	9' 5	
5534	69 77	Berlin, Romberg	Santini, 2412	33.30	34"4	
5535	91 217	Pola, J. Palisa	M <sub>1</sub> 28532	38.25	4.7	
5536	69 77	Berlin, Romberg	Pulkowa Cat. 1875.0 4877	6.45	48.9	
5537	72 115	Berlin, Romberg	M <sub>1</sub> 28567	18.06	51.3	
5538	100 359	Kremsm., Strasser	M <sub>1</sub> 28569	22.17	13.2	
5539	111 56	Hamburg, Schrader	Göttingen Cat. I 5970-1	22.00	14.9	
5540	100 246	Königsberg, Rahts	.....	.....	.....	
5541	111 126	Cordoba	B. B. VI S. 364 Nr. 33	22.87	1.3	A. N. Declin. um + 1' corrigirt; siehe Noten.  A. N. 8 um + 1" corrigirt nach A. N. 78 167. A. N. 77 A. R. um 0 <sup>s</sup> .02 kleiner.
5542	86 215	Berlin, Knorre	B. D. — 17° 6301	35.4	27' 1	
5543	67 25	Leiden, Kam	Santini, 1991	43.05	51"9	
5544	69 77	Berlin, Romberg	Weisse, 518, B. Z. 114	43.06	49.8	
5545	111 126	Cordoba	Yarnall 9644	4.41	9.9	
5546	69 77, 67 121 u. 248	Berlin, Romberg	Santini, 1994	47.03	44.7	
5547	72 115	Berlin, Romberg	Weisse, 543, B. Z. 102	47.71	29.8	
5548	72 115	Berlin, Romberg	Schjellerup 8713	3.54	48.6	
5549	74 37	Washington, Hall	M <sub>1</sub> 28658	6.28	34.5	
5550	69 77, 67 121, 77 21	Berlin, Romberg	M <sub>1</sub> 28664	9.72	1.7	
5551	67 25	Leiden, Kam	M <sub>2</sub> 11698	9.98	57.4	A. N. Bloss in A. R. scharf bestimmt.
5552	86 215	Berlin, Knorre	B. D. — 17° 6306	26.4	22' 7	
5553	100 244	Kremsmünster	Arg.-Weiss 16871	31.13	38"9	
5554	100 244	Königsberg, Rahts	.....	.....	.....	
5555	100 246	Königsberg, Rahts	Schjellerup 8717	35.59	38.6	
5556	69 102, 70 166	Leipzig	A. N. 70 166 Mikr. Anschl.	39.06	54.5	
5557	81 74	Berlin	Santini, 1997	49.63	14.6	
5558	77 367	Durham, Plummer	Santini, 2418	51.43	49.4	
5559	81 75, 80 111	Berlin	B. D. — 13° 5960	9.6	47' 6	
5560	94 311	Berlin, Tietjen	88 281, 90 199 Mikrom. [Anschluss	15.78	2"6	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL 1875.0		
		B. D.	A. N.	Quelle	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
5561	— 8° 5674	8.8	9	...	66.77	65.0	21h 26m 25s 07	2	+ 3s 2002	— 0s 0084	+ 0s 0004	— 8° 46' 1" 5	2	15" 717	+ 0" 283	— 0" 16
5562	— 14 6063	8.0	....	7½	69.7	70.0	26 45.24	2	3.2789	— 0.0111	+ 0.0004	— 14 0 10.9	2	15.735	0.290	— 0.17
5563	— 18 5963	9.2	....	...	....	79.0	27 5.42	..	3.3432	— 0.0136	+ 0.0004	— 18 7 56.2	..	15.754	0.295	— 0.18
5564	— 19 6125	8.5	....	8-9	76.78	76.0	27 29.97	2	3.3686	— 0.0146	+ 0.0004	— 19 44 59.6	2	15.776	0.297	— 0.18
5565	— 10 5706	9.4	....	10	76.76	76.0	27 32.81	2	3.2185	— 0.0090	+ 0.0004	— 10 3 12.7	2	15.778	0.283	— 0.16
5566	— 4 5485	9.0	....	...	72.66	72.0	27 39.69	2	3.1300	— 0.0061	+ 0.0004	— 4 0 18.3	2	15.785	0.275	— 0.15
5567	— 4 5487	7.5	....	6.8	67.71	66.0	27 44.58	1	3.1294	— 0.0061	+ 0.0004	— 3 57 50.4	1	15.789	0.275	— 0.15
5568	— 8 5682	8.3	8.7	8.8	67.65	65.0	27 46.12	2	3.1993	— 0.0084	+ 0.0004	— 8 46 0.6	2	15.790	0.281	— 0.17
5569	+ 47 3457	6.5	6.8	6	73.82	70.0	27 46.55	3	2.1604	+ 0.0065	+ 0.0007	+ 47 53 30.7	3	15.791	0.187	— 0.06
5570	— 8 5684	8.2	....	7.9	65.86	65.0	27 57.06	1	3.1984	— 0.0084	+ 0.0004	— 8 42 46.0	1	15.800	0.280	— 0.16
5571	» »	»	....	9	65.8	65.0	57.27	2	»	»	»	52.9	2	»	»	1
5572	— 8 5685	8.0	8.9	8.5	66.62	65.0	28 1.41	2	3.1871	— 0.0080	+ 0.0004	— 7 56 49.1	2	15.804	0.279	— 0.16
5573	+ 1 4502	8.7	....	...	80.7	80.0	28 15.72	2	3.0478	— 0.0037	+ 0.0004	+ 1 42 11.5	2	15.817	0.266	— 0.14
5574	— 16 5890	9.0	9½	10.0	84.7	84.0	28 24.63	3	3.3084	— 0.0123	+ 0.0004	— 16 2 23.4	3	15.825	0.290	— 0.17
5575	» »	»	9.0	10	....	79.0	24.78	2	»	»	»	26.0	2	»	»	1
5576	— 13 5972	8.7	....	8	69.7	70.0	28 42.89	3	3.2694	— 0.0109	+ 0.0004	— 13 31 30.1	3	15.841	0.286	— 0.17
5577	+ 27 4104	9.0	....	...	81.6	81.0	29 18.69	1	2.6427	+ 0.0047	+ 0.0006	+ 27 43 56.2	1	15.873	0.229	— 0.08
5578	+ 25 4572	8.3	8	9	....	83.0	29 39.00	..	2.6796	+ 0.0043	+ 0.0006	+ 25 42 34.6	..	15.891	0.231	— 0.08
5579	.....	...	....	11	76.70	76.0	29 45.90	2	3.3599	— 0.0144	+ 0.0004	— 19 26 18.9	2	15.897	0.292	— 0.17
5580	+ 27 4107	6.7	....	6.7	81.5	81.0	29 46.77	1	2.6455	+ 0.0048	+ 0.0006	+ 27 38 29.3	1	15.898	0.228	— 0.08
5581	+ 17 4611	9.2	....	...	80.8	80.0	29 56.17	..	2.8084	+ 0.0021	+ 0.0005	+ 17 57 24.9	..	15.907	0.243	— 0.11
5582	— 18 5977	9.5	....	9.2	....	79.0	29 56.36	..	3.3362	— 0.0135	+ 0.0004	— 17 58 2.0	..	15.907	0.289	— 0.18
5583	— 20 6251	4.7	....	4.7	76.71	76.0	30 4.74	2	3.3687	— 0.0148	+ 0.0004	— 20 1 30.0	2	15.914	0.292	— 0.18
5584	— 21 6053	8.8	9.8	...	83.65	83.0	30 5.95	5	3.3943	— 0.0159	+ 0.0004	— 21 35 59.6	6	15.915	0.294	— 0.18
5585	— 11 5630	9.1	....	...	72.67	70.0	30 26.46	2	3.2348	— 0.0097	+ 0.0004	— 11 19 18.3	2	15.933	0.280	— 0.17
5586	— 8 5697	9.0	9	9	66.39	65.0	30 31.05	3	3.1876	— 0.0080	+ 0.0004	— 8 5 27.4	3	15.938	0.274	— 0.16
5587	+ 3 4584	9.2	....	9.3	80.64	80.0	30 41.17	3	3.0249	— 0.0030	+ 0.0005	+ 3 20 39.9	3	15.947	0.261	— 0.14
5588	+ 2 4386	9.0	....	...	80.7	80.0	30 47.78	..	3.0392	— 0.0034	+ 0.0005	+ 2 20 18.2	..	15.952	0.262	— 0.14
5589	» »	»	....	9	80.61	80.0	47.84	3	»	»	»	18.6	3	»	»	1
5590	— 17 6329	7.8	....	7-8	....	79.0	31 0.55	..	3.3316	— 0.0133	+ 0.0004	— 17 46 13.0	..	15.964	0.287	— 0.17
5591	+ 51 3097	9.4	....	...	64.63	65.0	31 3.25	2	2.0389	+ 0.0060	+ 0.0007	+ 51 56 37.0	2	15.966	0.173	— 0.05
5592	— 13 5980	9.0	9	9	65.69	65.0	31 18.64	3	3.2704	— 0.0110	+ 0.0004	— 13 46 45.1	3	15.980	0.281	— 0.17
5593	— 19 6138	8.5	....	8-9	76.68	76.0	31 42.95	2	3.3536	— 0.0143	+ 0.0004	— 19 14 41.7	2	16.001	0.288	— 0.18
5594	— 3 5263	9.2	....	...	67.71	66.0	31 46.38	2	3.1213	— 0.0059	+ 0.0004	— 3 29 13.2	2	16.004	0.267	— 0.15
5595	— 16 5905	8.3	....	9	....	79.0	32 8.53	..	3.3029	— 0.0123	+ 0.0004	— 16 0 30.1	..	16.024	0.283	— 0.18
5596	+ 56 2600	8.6	8.0	...	73.85	73.0	32 12.43	1	1.8390	+ 0.0034	+ 0.0005	+ 56 54 38.5	1	16.027	0.154	— 0.04
5597	— 14 6095	8.2	8	8½	65.74	65.0	32 25.97	3	3.2816	— 0.0115	+ 0.0004	— 14 37 13.1	3	16.039	0.280	— 0.18
5598	— 18 5985	9.3	....	...	....	79.0	32 26.88	..	3.3316	— 0.0135	+ 0.0004	— 17 54 40.6	..	16.040	0.285	— 0.18
5599	— 7 5608	9.4	....	...	65.7	65.0	32 36.84	3	3.1827	— 0.0079	+ 0.0004	— 7 50 33.2	3	16.048	0.271	— 0.16
600	— 11 5640	6.3	....	6.3	....	72.0	32 44.86	..	3.2300	— 0.0096	+ 0.0004	— 11 8 17.3	..	16.055	0.275	— 0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
5561	69 77	Berlin, Romberg	Kam 4300	25 <sup>s</sup> 13	4 <sup>o</sup> 0	
5562	76 53	Königsberg, Lorek	Cordoba G. C. 29521	45.14	9.1	
5563	96 311	Kremsmünster	B. D. — 18° 5963	5.8	8' 4	
5564	94 293	Berlin, Tietjen	Arg.-Weiss 16888	29.72	58"7	
5565	94 293	Berlin, Tietjen	A. N. 88 281, Mikr. Anschl.	33.52	15.3	
5566	81 156 u. 169	Leiden, Valentiner	Rümker 9256	39.37	20.6	A. N. 81 169 A. R. um 0 <sup>s</sup> .09 grösser.
5567	73 291, 69 380	Leiden, v. Hennekeler	Cordoba G. C. 29540	44.40	49.8	
5568	72 115	Berlin, Romberg	Yarnall 9668	46.07	59.1	
5569	104 199	Leipzig, Engelmann	Glasgow Cat. I 5504	46.63	32.7	Bonn A. G. C. 15656, 46 <sup>s</sup> .67, 32 <sup>o</sup> .0; 6 <sup>m</sup> .5.
5570	67 25	Leiden, v. Hennekeler	Yarnall 9670	57.12	47.3	
5571	69 363	Königsberg, Sievers	M <sub>1</sub> 28821	57.03	45.5	
5572	69 77	Berlin, Romberg	Schjellerup 8738	1.22	46.7	
5573	100 244	Königsberg, Rahts	Albany A. G. C. 7546	15.74	9.6	
5574	111 84 u. 126	Cordoba	M <sub>2</sub> 11765	24.30	27.2	
5575	100 244	Königsberg, Rahts	M <sub>1</sub> 28849	24.67	20.0	
5576	76 53	Königsberg, Lorek	Santini <sub>4</sub> 2007	42.85	28.2	
5577	111 91	Königsberg, Rahts	Cambr. (Engl.) A. G. C. 12661	18.44	54.5	
5578	109 382	Pulkowa, Romberg	Lalande 42062	39.87	37.0	Cambr. (Engl.) A. G. C. 12673, 39 <sup>s</sup> .16, 34 <sup>o</sup> .9. Ep. 77.6; [6 Beob.
5579	94 311	Berlin, Tietjen	A. N. 88 281 u. 90 199 [Mikr. Anschl.]	45.45	17.7	
5580	108 346	Kopenhagen, Pechüle	Armagh Cat. II 2866	46.65	29.4	
5581	98 377	Albany	B. D. + 17° 4611	54.1	58' 6	Scheinb. Ort. 1880 Oct. 11 Red. — 3 <sup>s</sup> .798 — 29 <sup>o</sup> .52.
5582	96 311	Kremsmünster	B. D. — 18° 5977	55.7	58.3	
5583	94 311	Berlin, Tietjen	Cordoba G. C. 29598	4.67	28"6	ε Capricorni.
5584	106 327	Neuenburg, Hilfkler	A. N. 107 311, Mikr. Anschl.	5.45	55.9	
5585	81 75 u. 107, 80 111	Berlin	B. D. — 11° 5630	26.6	19' 2	A. N. 81 107 Declin. um 0 <sup>o</sup> .5 südlicher.
5586	69 77, 67 121	Berlin, Romberg	M <sub>1</sub> 28952	30.85	26"9	A. N. 67 Declin. um 0 <sup>o</sup> .2 nördlicher.
5587	111 56, 101 201	Hamburg, Schrader	B. B. VI 4584	41.06	43.2	M <sub>1</sub> 28964, 41 <sup>s</sup> .60, 47 <sup>o</sup> .2; 10 <sup>m</sup> .
5588	100 359	Kremsm., Strasser	Albany A. G. C. 7555	47.82	15.6	
5589	111 56	Hamburg, Schrader	Schjellerup 8765	47.60	58.9	
5590	96 311	Kremsmünster	Arg.-Weiss 16931	0.72	9.2	
5591	69 77	Berlin, Romberg	B. D. + 51° 3097	0.7	55' 3	
5592	69 77	Berlin, Romberg	Weisse <sub>1</sub> 710, B. Z. 119	18.56	49"0	Santini <sub>4</sub> 2013, 17 <sup>s</sup> .98, 47 <sup>o</sup> .3; 9 <sup>m</sup> .
5593	94 311	Berlin, Tietjen	Arg.-Weiss 16937	42.88	30.8	Cincinnati Zones 3641, 43 <sup>s</sup> .02, 41 <sup>o</sup> .6; 8 <sup>m</sup> .5. S. Noten.
5594	73 291	Leiden, v. Hennekeler	B. D. — 3° 5263	47.1	29' 3	
5595	96 316	Kremsmünster	Arg.-Weiss 16945	8.74	32"3	Berl. Circ. Nr. 124 hat A. R. 0 <sup>s</sup> .20 kleiner.
5596	84 181	Leipzig, Engelmann	Helsingfors A. G. C. 12348	12.25	39.2	Dupl. seq. Σ 2813. Siehe Noten.
5597	69 77	Berlin, Romberg	Cordoba G. C. 29644	25.85	15.8	
5598	96 311	Kremsmünster	B. D. — 18° 5985	25.6	55' 5	
5599	69 364	Königsberg, Lorek	Kam 4332	37.01	31"6	
5600	81 107	Genf	Cordoba G. C. 29650	44.94	18.7	

NUM- MER.	NUMMER	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.			
	der nördl. u. südl.	NACH			DER				1875.0					1875.0			
	Bonner Durchmus- terung.	B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
						1800	+								+		
5601	+ 51°3107	8.8	....	8.4	64.67	65.0	21h 33m 34s39	2	+ 2s0717	+0s0066	+0s0007	+51°27' 3"2	2	16"098	+0"173	-0s00	
5602	+ 33 4314	9.0	8.6	...	73.77	73.0	33 47.59	2	2.5477	+0.0063	+0.0007	+33 22 39.4	2	16.110	0.214	-0.00	
5603	- 7 5613	7.0	....	6.9	70.65	70.0	33 49.22	3	3.1776	-0.0077	+0.0004	- 7 32 24.2	3	16.111	0.269	-0.00	
5604	+ 29 4474	8.5	....	8.5	70.7	70.0	34 1.92	3	2.6206	+0.0055	+0.0007	+29 35 32..	..	16.122	....	-0.00	
5605	+ 56 2617	6.2	....	...	....	73.0	35 5.08	1	1.8590	+0.0040	+0.0006	+56 55 27.2	1	16.177	0.153	-0.00	
5606	+ 51 3113	8.8	....	8.5	64.66	65.0	35 28.16	2	2.0827	+0.0069	+0.0008	+51 27 23.7	2	16.197	0.172	-0.00	
5607	+ 29 4484	9.5	....	...	71.56	71.0	35 51.22	3	2.6317	+0.0056	+0.0007	+29 15 15.3	3	16.216	0.219	-0.00	
5608	- 15 6043	8.8	8	...	84.7	84.0	35 52.54	2	3.2963	-0.0123	+0.0005	-15 54 7.9	2	16.218	0.276	-0.01	
5609	+ 32 4231	9.1	....	...	71.9	71.0	35 57.88	..	2.5656	+0.0064	+0.0007	+32 48 21.2	..	16.222	0.213	-0.00	
5610	- 15 6046	6.2	....	6.1	75.0	79.0	36 15.10	..	3.2821	-0.0117	+0.0005	-14 58 11.8	..	16.238	0.274	-0.01	
5611	» »	»	7	7.5	79.82	75.0	15.16	1	»	»	»	13.4	1	»	»	»	
5612	+ 51 3119	9.1	....	8.8	64.58	65.0	36 22.58	2	2.0856	+0.0070	+0.0008	+51 31 39.4	2	16.243	0.171	-0.00	
5613	+ 56 2623	7.3	7.4	...	73.81	73.0	36 28.90	2	1.8650	+0.0042	+0.0006	+57 0 53.1	2	16.249	0.152	-0.00	
5614	- 13 6004	8.8	9	9	76.93	75.0	36 39.17	1	3.2577	-0.0108	+0.0005	-13 19 37.2	1	16.258	0.271	-0.01	
5615	.....	...	....	Var.	77.75	77.0	36 47.85	2	2.3613	+0.0079	+0.0008	+42 16 ....	..	16.265	0.194	-0.00	
5616	.....	...	Var.	...	76.93	76.0	48.00	4	»	»	»	20.8	4	»	»	»	
5617	.....	...	»	...	76.94	76.0	48.00	2	»	»	»	20.8	2	»	»	»	
5618	.....	...	....	...	76.95	76.0	48.07	1	»	»	»	21.6	1	»	»	»	
5619	+ 1 4529	8.8	8.9	...	66.10	65.0	37 2.49	3	3.0555	-0.0038	+0.0005	+ 1 13 53.7	3	16.278	0.253	-0.01	
5620	+ 32 4239	9.5	....	9.5	72.66	72.0	37 32.17	2	2.5671	+0.0065	+0.0007	+32 58 37.8	2	16.303	0.211	-0.00	
5621	» »	»	....	...	71.88	71.0	32.32	1	»	»	»	36.9	1	»	»	»	
5622	- 14 6116	8.7	....	8.7-9	....	79.0	38 30.77	..	3.2688	-0.0113	+0.0005	-14 14 55.6	..	16.350	0.269	-0.01	
5623	+ 0 4774	9.5	9	9	66.64	65.0	38 33.89	1	3.0585	-0.0038	+0.0005	+ 1 1 8.3	1	16.355	0.251	-0.01	
5624	- 14 6119	8.7	....	8-9	65.6	65.0	38 40.79	..	3.2681	-0.0113	+0.0005	-14 12 53.2	..	16.361	0.269	-0.01	
5625	- 15 6058	8.5	....	9	....	79.0	38 57.93	..	3.2893	-0.0121	+0.0005	-15 42 19.7	..	16.375	0.270	-0.01	
5626	- 14 6121	8.8	....	9	....	79.0	38 59.29	..	3.2634	-0.0111	+0.0005	-13 54 51.5	..	16.376	0.268	-0.01	
5627	+ 0 4776	8.8	9	...	66.60	65.0	39 22.22	1	3.0575	-0.0038	+0.0005	+ 1 5 42.5	1	16.396	0.250	-0.01	
5628	- 13 6012	7.7	7	7½	79.75	75.0	39 32.05	1	3.2523	-0.0107	+0.0005	-13 10 24.9	1	16.404	0.266	-0.01	
5629	- 18 6007	7.5	7.8	7-8	81.87	81.0	39 32.48	2	3.3295	-0.0139	+0.0005	-18 29 42.9	2	16.404	0.272	-0.01	
5630	+ 0 4778	9.0	9	9.0	65.75	65.0	39 44.23	2	3.0632	-0.0039	+0.0005	+ 0 40 38.1	2	16.414	0.249	-0.01	
5631	+ 53 2693	9.2	8.9	...	72.17	70.0	39 48.00	5	2.0485	+0.0071	+0.0008	+53 7 46.5	5	16.417	0.165	-0.00	
5632	- 12 6138	7.3	....	6.9	69.7	70.0	39 57.73	3	3.2391	-0.0102	+0.0005	-12 16 10.7	3	16.426	0.264	-0.01	
5633	- 15 6064	8.5	9	9	79.82	75.0	40 21.78	1	3.2810	-0.0119	+0.0005	-15 15 36.3	1	16.446	0.267	-0.01	
5634	.....	...	10	11-12	65.7	65.0	40 42.62	2	3.0620	-0.0039	+0.0005	+ 0 46 17.1	2	16.463	0.248	-0.01	
5635	+ 1 4539	9.5	9	9	65.7	65.0	41 45.09	1	3.0539	-0.0036	+0.0005	+ 1 23 22.1	1	16.515	0.246	-0.01	
5636	» »	»	....	...	66.84	65.0	45.24	1	»	»	»	19.9	1	»	»	»	
5637	+ 1 4542	9.5	9.5	9.5	65.7	65.0	41 59.04	1	3.0557	-0.0036	+0.0005	+ 1 15 13.6	1	16.526	0.245	-0.01	
5638	- 6 5834	7.8	....	8	72.74	70.0	41 59.81	2	3.1629	-0.0073	+0.0005	- 6 49 37.4	2	16.527	0.254	-0.01	
5639	- 11 5676	9.3	....	9.5	69.67	70.0	42 15.61	2	3.2272	-0.0098	+0.0005	-11 35 0.0	2	16.540	0.259	-0.01	
5640	+ 29 4511	8.1	....	8	72.7	72.0	42 17.74	2	2.6507	+0.0060	+0.0007	+29 8 53.6	2	16.542	0.211	-0.00	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5601	69 77	Berlin, Romberg	Cambr. (M.) A. G. C. 7185	34 <sup>s</sup> 40	1 <sup>m</sup> 8	
5602	84 181	Leipzig, Engelmann	Leiden, A. G. Z. 84, 86	47.74	36.8	Pulk. Cat. 1875 o 4929, 47 <sup>s</sup> .67, 36 <sup>m</sup> .7; 8 <sup>m</sup> .9.
5603	77 266	Leiden, Valentiner	Karlsru. Beob. Heft IV, S. 167	49.21	23.3	Siehe Noten.
5604	77 158	Durham, Plummer	B. B. VI 4474	2.10	31.7	
5605	84 181	Leipzig, Engelmann	Auwers Fund. Cat. A. G.	4.93	27.3	13 Hev. E. B. +0 <sup>s</sup> .0009 —0 <sup>m</sup> .015 nach F. Cat. S. Noten.
5606	69 77	Berlin, Romberg	Cambr. (M.) A. G. C. 7206	28.12	23.6	
5607	79 138	Leiden, Valentiner	B. D. + 29° 4484	51.6	15' 6	
5608	112 188	Cap	B. D. — 15° 6043	52.9	54.0	
5609	79 105	Washington	B. D. + 32° 4231	58.5	47.2	
5610	97 331	Kremsmünster	Cordoba G. C. 29718	15.05	11 <sup>m</sup> 4	Kremsm. getrennt von Pola.
5611	97 329	Pola, J. Palisa	Schjellerup 8811-2	15.16	11.9	
5612	69 77	Berlin, Romberg	Cambr. (M.) A. G. C. 7218	22.58	41.4	
5613	84 181	Leipzig, Engelmann	Helsingfors A. G. C. 12419	28.78	52.7	Dupl. praec. Σ 2819. Siehe Noten.
5614	97 329	Pola, J. Palisa	Weisse, 858, B. Z. 119	39.41	32.4	Santini, 2026. 38 <sup>s</sup> .97. 31 <sup>m</sup> .3; 9 <sup>m</sup> .
5615	92 78	Wien, Holetschek	Pulkowa Cat. 1875.0 4947	48.24	19.8	A. N. bloss in A. R. scharf bestimmt.
5616	89 13 u. 14	Berlin, Becker	A. N. 89 14, Mikr. Anschl.	48.03	14.2	
5617	89 61	Wien, Holetschek	.....	.....	.....	
5618	90 203	Leipzig	.....	.....	.....	
5619	69 77	Berlin, Romberg	Albany A. G. C. 7586	2.61	52.1	
5620	81 156	Leiden, Valentiner	Pulkowa Cat. 1875.0 4951	32.39	36.0	
5621	79 138 u. 147	Leiden, Valentiner	A. N. 79 147, Mikr. Anschl.	32.36	34.5	
5622	96 231, 105 383	Kremsm., Strasser	Kam 4346-7	30.83	55.3	Siehe Noten.
5623	69 77	Berlin, Romberg	M <sub>1</sub> 29396	33.60	8.3	
5624	67 21	Pulkowa, Wagner	Santini, 2029	40.56	54.3	Siehe Noten.
5625	96 316	Kremsmünster	Arg.-Weiss 17010	57.97	19.8	
5626	96 231, 97 331	Kremsmünster	Schjellerup 8829	59.05	52.3	
5627	69 77	Berlin, Romberg	Albany A. G. C. 7598	22.18	41.3	
5628	97 329	Pola, J. Palisa	Cordoba G. C. 29769	32.18	22.2	
5629	102 299	Berlin, Leman	Arg.-Weiss 17013	32.47	37.3	
5630	69 77	Berlin, Romberg	Pulkowa Cat. 1875 o 1256	44.06	40.7	
5631	104 199	Leipzig, Engelmann	B. D. + 53° 2693	49.0	8' 4	
5632	76 53	Königsberg, Lorek	Cordoba G. C. 29781	57.73	9 <sup>m</sup> 1	Siehe Noten.
5633	97 329	Pola, J. Palisa	Arg.-Weiss 17022	22.03	34 6	
5634	68 75	Wien	Harvard Zones 140-1 Nr. 41	42.72	10.1	Siehe Noten.
5635	69 75	Wien	Schjellerup 8852	45.24	22.2	A. N. verbunden mit Schjellerup.
5636	69 77	Berlin, Romberg	.....	.....	.....	
5637	68 75	Wien	B. B. VI 4542	1.62	22.5	Siehe Noten.
5638	81 75	Berlin	Schjellerup 8853	59.77	40.9	
5639	81 75	Berlin	Schjellerup 8854	15.07	0.9	
5640	81 63	Königsb., Oppenheim	Weisse, 1017, B. Z. 327	17.79	52.1	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.			
		NACH			DER				1875.0					1875.0			
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
					1800	+											
5641	— 15°6075	7.5	....	7-8	....	79.0	21 <sup>h</sup> 42 <sup>m</sup> 23 <sup>s</sup> 07	..	+ 3 <sup>s</sup> 2846	—0 <sup>s</sup> 0121	+0 <sup>s</sup> 005	—15° 41' 57" 0	..	16" 546	+0" 263	—0.01	
5642	+ 28 4198	8.9	8.9	8.8	81.88	81.0	42 28.66	1	2.6581	+0.0059	+0.007	+28 44 56.0	1	16.551	0.212	—0.01	
5643	+ 2 4420	8.7	8.9	...	65.74	65.0	42 33.05	2	3.0383	—0.0031	+0.005	+ 2 34 45.2	2	16.554	0.243	—0.01	
5644	— 13 6027	6.5	....	6.4	....	79.0	42 55.54	..	3.2503	—0.0107	+0.005	—13 18 14.5	..	16.573	0.260	—0.01	
5645	.....	...	10	10.5	....	65.0	43 3.92	2	3.0520	—0.0035	+0.005	+ 1 32 18.7	2	16.580	0.243	—0.01	
5646	— 12 6104	8.2	....	8	69.66	70.0	43 28.43	1	3.2307	—0.0100	+0.005	—11 55 27.9	1	16.600	0.257	—0.01	
5647	+ 1 4546	9.3	9.5	...	65.7	65.0	43 37.25	2	3.0532	—0.0035	+0.005	+ 1 27 11.6	2	16.607	0.242	—0.01	
5648	+ 2 4429	9.1	9.1	...	65.74	65.0	43 46.38	1	3.0424	—0.0031	+0.005	+ 2 17 10.3	1	16.615	0.242	—0.01	
5649	+ 29 4521	9.0	....	9	81.7	81.0	43 47.94	3	2.6555	+0.0061	+0.007	+29 6 23.3	3	16.616	0.210	—0.01	
5650	— 21 6102	8.0	....	7.5	69.67	70.0	43 51.71	2	3.3613	—0.0156	+0.005	—21 7 23.2	2	16.619	0.267	—0.01	
5651	+ 1 4550	9.5	....	...	65.7	65.0	44 10.36	2	3.0478	—0.0033	+0.005	+ 1 52 34.3	2	16.634	0.241	—0.01	
5652	+ 29 4526	8.2	8.2	8	81.87	81.0	44 29.73	2	2.6559	+0.0061	+0.007	+29 11 31.5	2	16.650	0.209	—0.01	
5653	» »	»	....	...	....	81.0	29.99	1	»	»	»	31.9	1	»	»	»	
5654	+ 2 4433	8.8	(9.0)	8.7	73.68	73.0	44 50.91	1	3.0395	—0.0030	+0.005	+ 2 31 21.9	1	16.667	0.239	—0.01	
5655	— 13 6037	8.5	9	8.7	79.75	75.0	46 9.58	1	3.2501	—0.0109	+0.005	—13 33 44.5	1	16.731	0.254	—0.01	
5656	— 14 6150	7.5	9	8.0	79.82	75.0	46 34.36	1	3.2662	—0.0116	+0.005	—14 46 38.5	1	16.751	0.255	—0.01	
5657	+ 29 4535	8.3	....	8	70.7	70.0	46 34.62	3	3.6546	+0.0064	+0.008	+29 36 18..	..	16.751	0.206	—0.01	
5658	+ 2 4435	8.7	....	...	66.15	70.0	46 38.09	2	3.0344	—0.0028	+0.005	+ 2 56 45.8	2	16.754	0.236	—0.01	
5659	— 12 6124	9.1	....	8.8	....	79.0	47 43.18	..	3.2308	—0.0101	+0.005	—12 15 51.5	..	16.805	0.250	—0.01	
5660	+ 8 4758	8.6	...	9	84.7	84.0	47 46.03	2	2.9682	—0.0007	+0.006	+ 8 7 22.0	2	16.808	0.229	—0.01	
5661	— 5 5663	8.4	....	8	70.7	70.0	48 12.68	4	3.1468	—0.0068	+0.005	— 5 51 22..	..	16.829	0.239	—0.01	
5662	— 12 6126	8.0	....	8	76.68	76.0	48 18.04	2	3.2342	—0.0103	+0.005	—12 33 35.7	2	16.833	0.249	—0.01	
5663	+ 29 4539	8.8	....	...	72.7	72.0	48 33.17	2	2.6615	+0.0065	+0.008	+29 31 11.5	2	16.845	0.204	—0.01	
5664	+ 29 4540	8.9	....	...	81.85	80.0	48 33.87	2	2.6637	+0.0065	+0.008	+29 23 28.0	2	16.846	0.204	—0.01	
5665	+ 29 4541	8.3	....	8	81.7	81.0	48 57.14	3	2.6606	+0.0066	+0.008	+29 38 22.9	3	16.864	0.203	—0.01	
5666	— 5 5666	8.0	....	7.8	70.7	70.0	49 48.64	6	3.1396	—0.0065	+0.005	— 5 20 54..	..	16.905	0.239	—0.01	
5667	— 9 5873	9.5	10.2	...	83.65	83.0	49 59.83	4	3.1855	—0.0083	+0.005	— 8 57 23.8	3	16.913	0.242	—0.01	
5668	+ 6 4930	8.6	....	8.7	84.7	84.0	50 16.20	1	2.9886	—0.0012	+0.005	+ 6 39 2.4	1	16.926	0.226	—0.01	
5669	— 16 5982	8.8	9.0	8-9	73.70	73.0	50 30.78	2	3.2888	—0.0128	+0.006	—16 49 48.1	2	16.938	0.250	—0.01	
5670	— 17 6409	9.2	9.5	...	73.79	70.0	50 37.42	3	3.2930	—0.0130	+0.006	—17 9 18.2	3	16.943	0.250	—0.01	
5671	+ 21 4650	7.7	7.8	8.5	....	84.0	50 42.51	..	2.7950	+0.0042	+0.007	+21 12 3.0	..	16.947	0.211	—0.01	
5672	— 12 6132	9.5	10	...	78.89	75.0	50 51.63	1	3.2259	—0.0100	+0.006	—12 8 35.8	1	16.954	0.244	—0.01	
5673	.....	...	8	8	64.74	65.0	51 9.79	2	3.3869	—0.0175	+0.006	—23 49 30.1	2	16.968	0.256	—0.01	
5674	— 13 6059	8.6	9	9	78.86	75.0	51 12.06	1	3.2435	—0.0108	+0.006	—13 30 59.2	1	16.970	0.245	—0.01	
5675	+ 3 4640	7.3	....	...	82.66	82.0	51 12.69	11	3.0279	—0.0024	+0.006	+ 3 33 50.6	11	16.970	0.228	—0.01	
5676	» »	»	8.1	8	82.70	82.0	12.69	18	»	»	»	51.3	18	»	»	»	
5677	» »	»	7.3	...	82.68	82.0	12.81	5	»	»	»	52.8	5	»	»	»	
5678	+ 72 1003	6.5	....	...	82.7	82.0	51 18.65	2	0 7275	—0.0468	—0.066	+73 6 40.0	2	16.975	0.049	—0.01	
5679	— 4 5585	7.8	....	8.0	72.73	70.0	51 37.67	1	3.1230	—0.0058	+0.006	— 4 5 6.1	1	16.990	0.235	—0.01	
5680	— 13 6064	8.0	9	8.5	78.85	75.0	51 44.39	1	3.2472	—0.0110	+0.006	—13 50 50.7	1	16.995	0.244	—0.01	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5641	96 315	Kremsmünster	Weisse, 985, B. Z. 117	23 <sup>s</sup> 37	7" 4	M <sub>1</sub> 29527, 22 <sup>s</sup> .74, 42'3".4; 8 <sup>m</sup> .
5642	102 299, 111 221	Berlin, Leman	B. B. VI 4196	28.81	1.0	Siehe Noten.
5643	69 77	Berlin, Romberg	Albany A. G. C. 7612	32.95	44.8	
5644	98 253	Kremsmünster	Cordoba G. C. 29856	55.59	15.1	
5645	68 75	Wien	Leiden, Mikrom. Anschluss	3.6	32' 3	Siehe Noten.
5646	81 75	Berlin	Santini, 2461	28.35	29" 9	
5647	68 75	Wien	B. D. + 1° 4546	37.8	27' 5	
5648	69 77, 67 247	Berlin, Romberg	Albany A. G. C. 7626	46.28	9' 0	
5649	111 91	Königsberg, Rahts	Weisse, 1047, B. Z. 326	47.84	25.1	
5650	81 75, 105 382	Berlin	B. B. VI S. 364 Nr. 56	51.77	24.9	Armagh Cat. II 2905, 51 <sup>s</sup> .14, 24".2; 7 <sup>m</sup> .0.
5651	68 75	Wien	B. D. + 1° 4550	10.2	52' 5	
5652	102 299, 111 231	Berlin, Leman	Weisse, 1072, B. Z. 326	29.75	34" 3	
5653	111 91	Königsberg, Rahts	.....	.....	.....	
5654	84 181	Leipzig, Engelmann	Albany A. G. C. 7629	50.85	21.9	Siehe Noten.
5655	97 329	Pola, J. Palisa	Schjellerup 8891	9.63	40.7	
5656	97 329	Pola, J. Palisa	Yarnall 9843	34.36	36.8	
5657	77 158	Durham, Plummer	Weisse, 1113 B. Z. 327	34.42	17.9	Bloss in A. R. scharf bestimmt.
5658	69 77	Berlin, Romberg	Albany A. G. C. 7632	37.84	42.7	
5659	98 253	Kremsmünster	M <sub>2</sub> 12092	43.21	58.7	
5660	112 257	Cap	Glasgow Cat. I 5619	45.87	21.3	
5661	77 367	Durham, Plummer	Weisse, 1104, B. Z. 122	12.88	21.0	
5662	94 311	Berlin, Tietjen	Cordoba G. C. 29976	18.00	36.6	
5663	81 63	Königsb., Oppenheim	Cambr. (Engl.) A. G. C. 12982	33.12	10.0	
5664	111 156	Hamburg, Schrader	A. N. 100 105, Mikr. Anschl.	34.38	32.8	Siehe Noten.
5665	111 91	Königsberg, Rahts	Weisse, 1164, B. Z. 327	56.95	24.0	
5666	77 367	Durham, Plummer	Yarnall 9870	48.57	52.4	Bloss in A. R. scharf bestimmt.
5667	106 327	Neuenburg, Hilfiker	B. D. — 9° 5873	59.6	57' 2	
5668	112 257	Cap	B. B. VI 4930	16.26	4" 4	
5669	83 136	Wien, Holetschek	Arg.-Weiss 17121	31.11	40.7	M <sub>2</sub> 12132, 30 <sup>s</sup> .94, 47".0; 9 <sup>m</sup> .5.
5670	84 235	Berlin, Knorre	B. D. — 17° 6409	37.0	9' 1	
5671	109 382	Pulkowa, Romberg	Berlin A. G. C. B. 8462	42.58	1" 7	
5672	97 329	Pola, J. Palisa	B. D. — 12° 6132	52.1	8' 6	
5673	69 77	Berlin, Romberg	Cordoba G. C. 30046	9.68	27" 8	
5674	97 329	Pola, J. Palisa	M <sub>1</sub> 29912	12.28	57.6	M <sub>2</sub> 12138, 12 <sup>s</sup> .38, 1" 7; 9 <sup>m</sup> .0.
5675	107 319	Helsingfors, Donner	Albany A. G. C. 7654	12.69	51.6	
5676	105 55	Pulkowa, Romberg	Glasgow Cat. I 5637	12.64	52.6	Siehe Noten.
5677	104 25	Königsberg, Rahts	Göttingen Cat. II 5905	12.82	54.9	
5678	110 196	Albany, Tucker	Dorpat A. G. Z. Vol. XVII [p. (30)]	18.63	39.9	Siehe Noten.
5679	81 75	Berlin	Pulkowa Cat. 1875.0 5019	37.76	6.4	Σ 2847 med. in Pulk.
5680	95 295, 105 383	Pola, J. Palisa	Schjellerup 8948	44.59	52.5	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
5681	.....	...	7	6.9	64.73	65.0	21 <sup>h</sup> 52 <sup>m</sup> 14 <sup>s</sup> 77	2	+ 3 <sup>s</sup> 3935	-0 <sup>s</sup> 0180	+0 <sup>s</sup> 0006	-24° 45' 44" 8	2	17" 018	+0" 255	-0" 230
5682	— 5° 5174	6.7	7	6.4	66.28	65.0	52 23.89	2	3.1336	-0.0062	+0.0006	- 4 57 36.0	2	17.025	0.234	-0.16
5683	.....	...	....	9.3	81.7	81.0	52 32.89	2	2.6719	+0.0069	+0.0008	+29 33 51.8	2	17.032	0.199	-0.10
5684	— 13 6067	9.2	9	9.3	78.86	75.0	52 33.45	1	3.2425	-0.0108	+0.0006	-13 33 44.3	1	17.033	0.243	-0.15
5685	+ 4 4779	9.0	9.0	...	65.70	65.0	53 0.67	3	3.0105	-0.0018	+0.0006	+ 5 0 56.2	3	17.054	0.224	-0.14
5686	— 3 5353	8.7	9	...	66.71	65.0	53 17.75	2	3.1163	-0.0056	+0.0006	- 3 35 26.8	2	17.067	0.231	-0.16
5687	— 17 6416	8.9	9	10	73.79	70.0	53 23.09	1	3.2866	-0.0129	+0.0006	-16 59 31.9	1	17.071	0.244	-0.17
5688	» » »	....	...	...	72.74	70.0	23.29	2	»	»	»	30.5	2	»	»	1
5689	— 12 6144	9.3	9-10	...	67.89	65.0	53 32.08	1	3.2234	-0.0100	+0.0006	-12 10 21.5	1	17.078	0.239	-0.17
5690	+ 18 4901	9.5	9.5	...	72.75	73.0	53 35.05	1	2.8361	+0.0035	+0.0007	+18 37 26.3	1	17.080	0.210	-0.12
5691	+ 0 4816	8.5	....	8	63.61	65.0	53 36.43	2	3.0682	-0.0037	+0.0006	+ 0 19 39.6	2	17.081	0.224	-0.15
5692	+ 29 4554	7.5	....	...	72.7	72.0	53 37.62	3	2.6689	+0.0071	+0.0008	+29 56 6.7	3	17.082	0.197	-0.10
5693	— 12 6145	9.3	9	9.2	78.89	75.0	53 37.94	1	3.2287	-0.0102	+0.0006	-12 35 29.2	1	17.082	0.239	-0.15
5694	— 13 6071	9.1	9	9	78.86	75.0	53 45.81	1	3.2407	-0.0108	+0.0006	-13 31 58.1	1	17.088	0.240	-0.15
5695	— 12 6147	8.8	9	9	67.75	65.0	54 3.39	2	3.2210	-0.0099	+0.0006	-12 1 27.8	2	17.102	0.238	-0.17
5696	+ 2 4457	8.8	....	...	63.83	65.0	54 20.37	2	3.0456	-0.0029	+0.0006	+ 2 11 36.9	2	17.115	0.224	-0.15
5697	— 13 6074	7.2	8	8.5	78.86	75.0	54 20.79	1	3.2411	-0.0108	+0.0006	-13 37 21.7	1	17.115	0.239	-0.15
5698	+ 5 4926	8.8	8½	...	84.7	84.0	54 30.45	2	3.0024	-0.0014	+0.0006	+ 5 43 48.6	2	17.122	0.221	-0.14
5699	— 12 6150	8.6	....	...	65.6	65.0	54 30.51	..	3.2194	-0.0099	+0.0006	-11 56 29.5	..	17.122	0.237	-0.17
5700	— 4 5557	8.6	....	8.5	69.7	69.0	55 18.49	..	3.1231	-0.0058	+0.0006	- 4 11 59..	..	17.159	0.228	-0.17
5701	— 10 5814	9.5	9	...	79.78	75.0	55 27.44	2	3.2040	-0.0092	+0.0006	-10 47 34.0	2	17.165	0.234	-0.17
5702	— 16 6003	8.8	9.0	9.6	73.70	73.0	55 38.24	2	3.2806	-0.0127	+0.0006	-16 47 16.9	2	17.173	0.240	-0.15
5703	— 13 6079	9.1	9	...	78.86	75.0	56 17.84	1	3.2403	-0.0109	+0.0006	-13 44 52.1	1	17.203	0.235	-0.15
5704	— 3 5365	8.5	....	9	72.72	70.0	57 3.49	1	3.1161	-0.0055	+0.0006	- 3 40 9.6	1	17.237	0.225	-0.16
5705	+ 3 4654	8.0	8.4	...	82.71	82.0	57 17.07	10	3.0271	-0.0021	+0.0006	+ 3 47 19.0	10	17.248	0.218	-0.14
5706	» » »	....	...	...	82.63	82.0	17.09	5	»	»	»	19.8	5	»	»	»
5707	» » »	8.0	...	...	82.72	82.0	17.26	6	»	»	»	21.6	4	»	»	»
5708	— 13 6085	7.2	9.8	8-7	78.85	75.0	57 22.05	1	3.2375	-0.0108	+0.0006	-13 37 28.0	1	17.251	0.233	-0.15
5709	— 16 6012	8.0	8.0	8-9	73.71	73.0	57 23.35	2	3.2776	-0.0127	+0.0006	-16 46 0.6	2	17.252	0.236	-0.17
5710	+ 34 4593	8.3	....	8-9	72.70	70.0	57 28.13	1	2.6014	+0.0087	+0.010	+34 39 2.2	1	17.256	0.186	-0.12
5711	— 10 5825	10	10	...	.....	75.0	57 58.61	2	3.2012	-0.0091	+0.0006	-10 45 21.4	2	17.278	0.229	-0.17
5712	— 12 6170	9.4	9	...	78.89	75.0	58 5.09	1	3.2172	-0.0099	+0.0006	-12 3 52.2	1	17.283	0.230	-0.17
5713	.....	...	....	10.5	76.78	76.0	58 7.24	2	3.2109	-0.0096	+0.0006	-11 33 22.8	2	17.285	0.230	-0.17
5714	.....	...	9	9½	64.73	65.0	58 8.26	2	3.3857	-0.0183	+0.0007	-24 48 53.3	2	17.285	0.243	-0.18
5715	— 13 6091	8.7	9	...	78.84	75.0	58 11.56	1	3.2361	-0.0107	+0.0006	-13 35 50.8	1	17.288	0.232	-0.15
5716	+ 19 4850	8.2	8.5	8	84.9	84.0	58 24.06	2	2.8305	+0.0042	+0.0008	+19 39 48.0	2	17.297	0.201	-0.12
5717	+ 29 4573	8.5	....	8-9	70.7	70.0	58 58.63	4	2.6936	+0.0073	+0.0009	+29 20 27..	..	17.323	0.190	-0.12
5718	+ 20 5072	8.5	8.5	8.8	73.75	73.0	58 59.20	1	2.8184	+0.0043	+0.0008	+20 59 1.7	1	17.323	0.200	-0.12
5719	— 11 5747	9.3	....	10	76.79	76.0	59 13.84	3	3.2079	-0.0095	+0.0006	-11 24 34.6	3	17.334	0.227	-0.17
5720	+ 5 4947	7.5	7.5	...	65.75	65.0	59 25.32	2	3.0093	-0.0014	+0.0006	+ 5 21 35.1	2	17.342	0.213	-0.14



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5681	69 77, 109 171	Berlin, Romberg	Cordoba G. C. 30067	14 <sup>s</sup> 63	42" 4	A. N. 109, A. R. um 0 <sup>s</sup> .46 kleiner, Decl. um 0".2 nördl. A. N. 67, A. R. um 0 <sup>s</sup> .05 kleiner, Decl. um 0".1 südl. E. B. — 0 <sup>s</sup> .006, — 0".29 nach Porter Prop. Mot. 1216. Siehe Noten.
5682	69 77, 67 121	Berlin, Romberg	Cordoba G. C. 30074	23.78	37.3	
5683	111 91	Königsberg, Rahts	Cambr. (Engl.) A.G.C. 13054	32.67	51.3	
5684	97 329	Pola, J. Palisa	Schjellerup 8955	33.55	44.4	
5685	69 77	Berlin, Romberg	Albany A. G. C. 7659	0.61	55.8	
5686	69 77	Berlin, Romberg	M <sub>1</sub> 29989	17.43	24.9	Sehr schwach. Beob. unsicher.
5687	84 235	Berlin, Knorre	Wash. Tr. Zones 196 Nr. 65	22.83	24.1	
5688	81 75	Berlin	.....	.....	.....	
5689	72 115	Berlin, Romberg	B. D. — 12° 6144	33.3	10' 4	
5690	88 136	Wien, Holetschek	B. D. + 18° 4901	33.7	36.3	
5691	69 77	Berlin, Romberg	Schjellerup 8962	36.23	38" 1	Siehe Noten.
5692	81 63	Königsb., Oppenheim	Leiden A. G. Z. 1, 2	37.67	5.6	
5693	97 329	Pola, J. Palisa	Yarnall 9898	37.82	23.9	
5694	97 329	Pola, J. Palisa	Santini, 2058	45.61	56.9	
5695	72 115	Berlin, Romberg	Santini, 2476	3.09	24.1	
5696	69 77	Berlin, Romberg	Albany A. G. C. 7664	20.38	36.0	Pulk. verb. mit Weisse, 1246, B. Z. 127, 30 <sup>s</sup> .70, 29"3; 9 <sup>m</sup> . Bloss in A. R. scharf bestimmt.
5697	97 329	Pola, J. Palisa	Schjellerup 8969	20.80	18.9	
5698	112 257	Cap	Leipzig A. G. C. 11064	30.42	46.8	
5699	67 21	Pulkowa, Wagner	Kam 4398	30.35	31.5	
5700	75 29	Durham, Plummer	Schjellerup 8982	18.62	58.6	
5701	97 329	Pola, J. Palisa	A. N. 82 5 Mikr. Anschl.	27.23	31.1	
5702	88 136	Wien, Holetschek	M <sub>2</sub> 12196	38.45	17.6	
5703	97 329	Pola, J. Palisa	B. D. — 13° 6079	17.9	44' 9	
5704	81 75	Berlin	Schjellerup 8993-4	3.30	8" 7	
5705	105 56	Pulkowa, Romberg	Albany A. G. C. 7675	17.10	20.6	
5706	107 319	Helsingfors, Donner	.....	.....	.....	Taylor 10231, 22 <sup>s</sup> .41, 21".4; 8-9 <sup>m</sup> . Siehe Noten. Schjellerup 8996, 22.20, 22.5; 8.5.
5707	104 25	Königsberg, Rahts	.....	.....	.....	
5708	95 295	Pola, J. Palisa	Radcl. Cat. 1890,0 5932	22.07	23.8	
5709	88 136, 105 382	Wien, Holetschek	Arg.-Weiss 17185	23.47	58.4	
5710	81 75	Berlin	Leiden A. G. Z. 77, 78	28.11	3.0	
5711	97 329	Pola, J. Palisa	B. D. — 10° 5825	60.8	45' 1	M <sub>1</sub> 30167, 24 <sup>s</sup> .06, 56".8; 9 <sup>m</sup> . Siehe Noten. Bloss in A. R. scharf bestimmt.
5712	97 329	Pola, J. Palisa	B. D. — 12° 6170	3.8	3.8	
5713	94 311	Berlin, Tietjen	A. N. 89 77, Mikr. Anschl.	7.73	21" 1	
5714	69 77	Berlin, Romberg	Cordoba Z. C. 1837	8.14	54.9	
5715	97 329	Pola, J. Palisa	Santini, 2066	11.18	50.2	
5716	111 293	Wien	Weisse, 1437, B. Z. 196	23.77	52.6	
5717	77 158	Durham, Plummer	Weisse, 1461-2, B. Z. 326 [u. 327]	58.77	16.8	
5718	88 136	Wien, Holetschek	Berlin A. G. C. B. 8508	59.37	0.2	
5719	94 311	Berlin, Tietjen	A. N. 89 77, Mikr. Anschl.	13.73	32.1	
5720	60 77	Berlin, Romberg	Göttingen Cat. II 5977	25.23	36.6	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0				
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.		
		B. D.	A. N.	Quelle.	Beob.	Pos.												
					1800	+									+			
5721	— 3° 5375	8.2	....	8	69.8	70.0	21 <sup>h</sup> 59 <sup>m</sup> 33 <sup>s</sup> 29	3	+ 3 <sup>s</sup> 1158	— 0 <sup>s</sup> 0055	+ 0 <sup>s</sup> 006	— 3° 42' 45" 7	3	17" 348	+ 0" 221	— 0" 14		
5722	— 10 5833	9.5	....	9	72.73	70.0	59 33.52	2	3.1899	— 0.0087	+ 0.006	— 9 56 52.2	2	17.348	0.226	— 0.17		
5723	+ 5 4948	8.5	8.5	8.5	65.69	....	59 35.13	1	3.0076	— 0.0013	+ 0.006	+ 5 30 11.4	1	17.349	0.213	— 0.12		
5724	— 13 6096	9.1	9-10	9.1	78.84	75.0	59 40.57	1	3.2310	— 0.0106	+ 0.006	— 13 21 40.9	1	17.353	0.229	— 0.15		
5725	— 14 6210	8.6	....	9	....	79.0	59 43.39	..	3.2479	— 0.0114	+ 0.006	— 14 41 40.7	..	17.355	0.230	— 0.17		
5726	+ 19 4853	9.0	8.8	9.0	73.84	73.0	22 0 4.89	1	2.8291	+ 0.0043	+ 0.008	+ 19 59 57.0	1	17.371	0.199	— 0.12		
5727	— 11 5754	9.5	9	...	78.89	75.0	0 23.88	1	3.2088	— 0.0095	+ 0.006	— 11 34 56.1	1	17.385	0.226	— 0.17		
5728	— 20 6362	7.3	....	7.0	69.65	75.0	0 32.04	2	3.3169	— 0.0148	+ 0.007	— 20 10 38.8	2	17.391	0.233	— 0.19		
5729	— 11 5756	6.8	....	7½	65.72	65.0	0 38.43	2	3.2022	— 0.0093	+ 0.006	— 11 3 21.6	2	17.395	0.225	— 0.17		
5730	— 9 5920	8.5	....	9.0	73.80	70.0	0 39.80	4	3.1870	— 0.0086	+ 0.006	— 9 47 28.0	4	17.396	0.224	— 0.17		
5731	— 14 6214	8.5	8	8-9	78.84	75.0	1 8.15	1	3.2398	— 0.0110	+ 0.006	— 14 11 30.7	1	17.417	0.227	— 0.13		
5732	— 3 5381	10.0	10.0	...	69.67	69.0	1 12.21	1	3.1063	— 0.0051	+ 0.006	— 2 56 36.7	1	17.420	0.217	— 0.16		
5733	.....	9.5	9.8	...	69.67	69.0	1 58.71	1	3.1056	— 0.0050	+ 0.006	— 2 54 8.5	1	17.453	0.216	— 0.16		
5734	— 14 6218	7.2	7	7.0	78.85	75.0	2 2.83	1	3.2353	— 0.0109	+ 0.006	— 13 54 44.0	1	17.456	0.225	— 0.18		
5735	— 11 5765	8.7	9.8	...	78.39	75.0	2 28.35	1	3.2014	— 0.0093	+ 0.006	— 11 8 11.3	1	17.475	0.222	— 0.17		
5736	— 9 5927	...	....	...	....	79.0	2 53.53	..	3.1806	— 0.0083	+ 0.006	— 9 24 44.3	..	17.493	0.219	— 0.17		
5737	— 13 6116	9.0	9	...	78.84	75.0	3 0.56	1	3.2320	— 0.0107	+ 0.006	— 13 44 39.0	1	17.498	0.223	— 0.18		
5738	+ 18 4939	9.1	9.0	9	73.75	73.0	3 11.14	1	2.8554	+ 0.0039	+ 0.008	+ 18 23 10.2	1	17.505	0.196	— 0.12		
5739	.....	...	10.5	9.8	75.78	80.0	3 30.06	2	3.3754	— 0.0183	+ 0.007	— 24 58 58.2	2	17.519	0.232	— 0.20		
5740	— 4 5623	6.8	7	6.5	66.37	65.0	3 51.06	2	3.1234	— 0.0058	+ 0.006	— 4 30 20.4	2	17.534	0.214	— 0.16		
5741	— 11 5770	6.5	8	6.8	78.89	75.0	3 51.66	1	3.2035	— 0.0094	+ 0.006	— 11 26 5.1	1	17.534	0.219	— 0.17		
5742	.....	...	....	9	76.76	75.0	4 13.93	3	3.3479	— 0.0168	+ 0.007	— 23 4 48.4	2	17.550	0.229	— 0.20		
5743	— 13 6124	9.0	9	10	78.84	75.0	4 41.52	1	3.2311	— 0.0108	+ 0.006	— 13 50 22.1	1	17.569	0.220	— 0.18		
5744	» » »	»	9	...	78.85	75.0	41.60	1	»	»	»	27.6	1	»	»	»		
5745	— 0 4317	8.9	9	9.2	67.79	65.0	4 51.52	2	3.0741	— 0.0036	+ 0.006	— 0 9 49.4	2	17.576	0.218	— 0.13		
5746	— 9 5931	9.9	10	...	79.73	75.0	5 2.21	3	3.1738	— 0.0080	+ 0.006	— 8 58 51.1	3	17.584	0.215	— 0.17		
5747	+ 29 4604	6.5	....	...	72.7	72.0	5 13.01	2	2.7025	+ 0.0080	+ 0.009	+ 29 56 21.8	2	17.591	0.182	— 0.10		
5748	— 11 5777	7.3	9	...	78.89	75.0	5 36.97	1	3.2045	— 0.0095	+ 0.006	— 11 40 52.5	1	17.608	0.216	— 0.17		
5749	— 18 6084	8.5	....	9.0	77.80	77.0	5 43.73	2	3.2880	— 0.0137	+ 0.007	— 18 38 36.3	2	17.613	0.222	— 0.19		
5750	+ 65 1726	8.4	....	8.2	....	47.0	5 48.58	..	1.6588	+ 0.0017	+ 0.005	+ 65 41 29.4	..	17.616	0.108	— 0.04		
5751	— 14 6232	8.9	9-10	...	78.85	75.0	6 6.53	1	3.2322	— 0.0109	+ 0.007	— 14 5 5.0	1	17.628	0.217	— 0.18		
5752	— 7 5727	7.4	8	7½	67.68	65.0	6 8.20	2	3.1515	— 0.0070	+ 0.006	— 7 5 11.5	2	17.630	0.212	— 0.16		
5753	— 13 6130	8.5	9.8	9	78.86	75.0	6 18.49	1	3.2267	— 0.0106	+ 0.007	— 13 38 25.7	1	17.637	0.216	— 0.18		
5754	+ 35 4729	9.0	....	9.0	71.85	71.0	6 25.57	1	2.6208	+ 0.0098	+ 0.010	+ 35 22 52.1	1	17.642	0.174	— 0.10		
5755	» » »	»	....	9	72.65	72.0	25.61	1	»	»	»	54.0	1	»	»	»		
5756	+ 36 4785	7.5	8.3	8.0	73.68	73.0	6 34.20	1	2.5931	+ 0.0103	+ 0.010	+ 37 2 4.3	1	17.648	0.172	— 0.17		
5757	— 13 6132	9.1	9	9.2	78.86	75.0	6 39.35	1	3.2261	— 0.0106	+ 0.007	— 13 37 40.6	1	17.651	0.216	— 0.18		
5758	— 4 5635	8.8	9.5	8.8	65.7	65.0	6 42.19	2	3.1221	— 0.0057	+ 0.006	— 4 29 23.7	2	17.653	0.208	— 0.16		
5759	— 12 6209	7.0	8.9	7.0	78.89	75.0	6 45.31	1	3.2133	— 0.0100	+ 0.007	— 12 32 32.8	1	17.655	0.215	— 0.18		
5760	+ 7 4823	9.1	9.3	9	82.69	82.0	6 54.67	15	2.9928	— 0.0003	+ 0.007	+ 7 9 5.6	15	17.662	0.199	— 0.14		

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5721	76 53	Königsberg, Lorek	Schjellerup 9014	33.41	42"6	A. N. corrigirt. Siehe Noten.  Σ 2859. Im A. N. wird bemerkt »Simpl.»? (zu unruhig). Duplex sequens.
5722	81 75	Berlin	Schjellerup 9013	33.36	49.7	
5723	69 77	Berlin, Romberg	Schjellerup 9015	35.04	10.9	
5724	97 329	Pola, J. Palisa	B. D. — 13° 6096	38.7	22' 3	
5725	97 331	Kremsmünster	Weisse, 1354, B. Z. 119	43.55	39"8	
5726	84 181	Leipzig, Engelmann	Struve Pos. med. 2664 (med.)	4.90	56.6	
5727	97 329	Pola, J. Palisa	B. D. — 11° 5754	24.0	34' 7	
5728	81 75	Berlin	B. B. VI S. 364 Nr. 79	32.09	37"1	
5729	67 25, 81 342	Leiden, Kam u. v. [Hennekeler]	Cordoba G. C. 30249	38.45	20.2	
5730	84 235	Berlin, Knorre	Yarnall 9955	39.73	27.6	
5731	97 329, 105 383	Pola, J. Palisa	Santini, 2071	8.02	31.1	Siehe Noten. Siehe Noten. M <sub>1</sub> 30291, 28 <sup>s</sup> .18, 12"2; 9 <sup>m</sup> . Verbunden mit anderen Quellen. Siehe Noten.  A. N. in Declin. um — 1° corrigirt. Siehe Noten.
5732	76 44	Leipzig, Engelmann	B. D. — 3° 5381	12.2	56' 6	
5733	76 44	Leipzig, Engelmann	.....	.....	.....	
5734	95 295	Pola, J. Palisa	Cordoba G. C. 30278	3.08	39"6	
5735	97 331	Pola, J. Palisa	Rümker 9850	28.09	6.8	
5736	97 331	Kremsmünster	M <sub>1</sub> 30308	53.85	24.2	
5737	97 331	Pola, J. Palisa	B. D. — 13° 6116	1.6	44' 8	
5738	83 136	Wien, Holetschek	Weisse, 22 u. 23, B. Z. 193 [u. 194]	11.63	6"7	
5739	88 27	Berlin, Becker	Gill-Kapteyn Phot. D. M.	30.7	59' 1	
5740	69 77, 67 121	Berlin, Romberg	Cordoba G. C. 30312	51.03	21"1	
5741	97 331	Pola, J. Palisa	Cordoba G. C. 30313	51.61	5.4	Siehe Noten.
5742	94 311	Berlin, Tietjen	Arg-Weiss 17254	13.82	44.6	
5743	97 331	Pola, J. Palisa	M <sub>1</sub> 30376	41.73	23.4	
5744	96 295	Pola, J. Palisa	.....	.....	.....	
5745	72 115	Berlin, Romberg	Schjellerup 9054-5	51.34	48.9	
5746	97 331	Pola, J. Palisa	B. D. — 9° 5931	3.0	59' 0	
5747	81 63	Königsb., Oppenheim	Leiden A. G. Z. 125, 134	13.09	19"8	
5748	97 311, 105 382	Pola, J. Palisa	Schjellerup 9061	36.76	52.1	
5749	94 295	Berlin, Tietjen	B. B. VI S. 364 Nr. 5	43.58	34.3	
5750	88 211	Pulkowa	Christiania A. G. C. 3534	48.44	27.9	
5751	95 295	Pola, J. Palisa	B. D. — 14° 6232	6.1	5' 3	Lund A. G. Z. 523, 539, 543, 564, 25 <sup>s</sup> .80, 51"7; 8 <sup>m</sup> .7.  Σ 2876. Siehe Noten. Lund praec. austr.  A. N. Declin. um 1° corrigirt. Siehe Noten.
5752	72 115	Berlin, Romberg	Cordoba G. C. 30364	8.29	9"4	
5753	97 331	Pola, J. Palisa	M <sub>1</sub> 30434	18.71	20.5	
5754	79 138, 79 147	Leiden, Valentiner	Pulkowa Cat. 1875.0 5088	25.69	51.8	
5755	81 156	Leiden, Valentiner	Weisse, 132, B. Z. 377	26.05	54.0	
5756	84 181	Leipzig, Engelmann	Lund A. G. Z. 331, 334 u. 546	34.19	6.3	
5757	97 331	Pola, J. Palisa	M <sub>2</sub> 12312	39.49	42.7	
5758	68 75	Wien	Pulkowa Obs Vol. VIII [p. 351 Nr. 1284]	42.37	22.0	
5759	97 331	Pola, J. Palisa	Cordoba G. C. 30375	45.24	35.6	
5760	105 56	Pulkowa, Romberg	Weisse, 102, B. Z. 120	54.76	8.1	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
5761	+ 7°4823	9.1	....	9.9	82.64	82.0	22h 6m 54.69	7	+ 2°9928	-0.0003	+0.0007	+ 7° 9' 5"9	7	17"662	+0"199	-0"14
5762	" "	"	9.1	...	82.68	82.0	54.91	6	"	"	"	6.8	6	"	"	"
5763	.....	...	....	8½	76.76	75.0	6 55.28	2	3.3581	-0.0177	+0.008	-24 17 43.1	2	17.662	0.224	-0.20
5764	- 2 5714	7.4	....	7	69.7	69.0	6 57.40	..	3.0973	-0.0046	+0.006	- 2 16 4..	..	17.663	0.207	-0.15
5765	" "	"	....	7-8	69.7	70.0	57.48	3	"	"	"	6.8	3	"	"	"
5766	- 4 5637	8.5	9	9	66.83	65.0	7 12.48	2	3.1208	-0.0056	+0.006	- 4 23 33.1	2	17.674	0.218	-0.16
5767	- 12 6218	8.2	8.9	8-9	78.85	75.0	7 49.29	1	3.2159	-0.0101	+0.007	-12 52 30.3	1	17.699	0.213	-0.18
5768	+ 30 4651	8.2	8.2	...	81.86	81.0	7 56.14	3	2.6946	+0.0086	+0.009	+31 1 13.7	3	17.704	0.177	-0.10
5769	- 4 5640	8.5	9	9.2	65.7	65.0	8 24.42	2	3.1222	-0.0057	+0.006	- 4 34 7.2	2	17.723	0.205	-0.16
5770	- 13 6140	9.0	9	...	78.86	75.0	8 35.24	1	3.2206	-0.0104	+0.007	-13 21 38.1	1	17.731	0.212	-0.18
5771	+ 17 4715	9.1	9	...	77.73	75.0	8 42.40	3	2.8797	+0.0037	+0.008	+17 8 59.2	3	17.736	0.188	-0.15
5772	+ 37 4518	8.4	9.0	8.9	73.87	73.0	8 49.65	2	2.6003	+0.0106	+0.011	+37 7 34.2	2	17.741	0.169	-0.10
5773	- 10 5873	9.0	....	9.0	69.70	70.0	8 52.61	2	3.1903	-0.0089	+0.006	-10 43 52.2	2	17.743	0.209	-0.17
5774	.....	...	9	8½	75.78	80.0	8 55.37	2	3.3409	-0.0170	+0.008	-23 19 50.6	2	17.745	0.219	-0.20
5775	- 9 5943	8.3	9	8.7	....	75.0	8 58.29	1	3.1711	-0.0080	+0.006	- 9 1 4.9	1	17.747	0.208	-0.17
5776	- 19 6253	9.1	....	8.7	79.82	77.0	9 3.42	1	3.2948	-0.0144	+0.007	-19 40 52.1	1	17.750	0.216	-0.19
5777	- 13 6145	9.0	....	9	....	79.0	9 7.23	..	3.2257	-0.0107	+0.007	-13 51 30.8	..	17.753	0.211	-0.18
5778	+ 3 4689	7.3	8	...	63.88	65.0	9 20.10	2	3.0326	-0.0018	+0.006	+ 3 39 4.1	2	17.761	0.198	-0.15
5779	- 11 5790	9.2	9	...	78.89	75.0	9 49.99	1	3.1967	-0.0092	+0.006	-11 22 55.3	1	17.782	0.208	-0.17
5780	- 13 6148	6.0	6	5.8	78.85	75.0	10 6.24	1	3.2198	-0.0104	+0.007	-13 27 19.4	1	17.793	0.209	-0.18
5781	- 13 6149	9.0	9	...	78.86	75.0	10 8.59	1	3.2219	-0.0106	+0.007	-13 38 30.1	1	17.794	0.209	-0.18
5782	- 3 5420	8.5	....	8.5	65.7	65.0	10 46.25	6	3.1111	-0.0051	+0.007	- 3 37 45.3	6	17.819	0.201	-0.16
5783	- 10 5879	8.3	....	8.5	69.7	70.0	11 12.05	3	3.1840	-0.0086	+0.007	-10 21 55.2	3	17.836	0.205	-0.17
5784	- 4 5647	8.7	9	...	66.76	65.0	11 15.05	2	3.1149	-0.0053	+0.007	- 3 58 0.7	2	17.839	0.200	-0.16
5785	- 12 6235	9.3	9	9	78.88	75.0	11 55.09	2	3.2093	-0.0100	+0.007	-12 43 0.5	2	17.865	0.205	-0.18
5786	+ 18 4970	7.9	....	7.9	78.75	77.0	12 0.59	4	2.8702	+0.0044	+0.008	+18 25 1.0	4	17.869	0.182	-0.15
5787	+ 7 4840	9.2	9.3	9	82.63	82.0	12 2.61	12	2.9899	+0.0001	+0.007	+ 7 43 41.5	12	17.870	0.190	-0.14
5788	" "	"	....	9.0	82.63	82.0	2.64	5	"	"	"	41.4	5	"	"	"
5789	" "	"	9.2	9	82.69	82.0	2.79	6	"	"	"	43.9	5	"	"	"
5790	- 1 4282	7.8	....	8	69.7	69.0	12 2.84	..	3.0908	-0.0042	+0.007	- 1 44 56..	..	17.870	0.197	-0.16
5791	" "	"	....	...	63.67	65.0	3.18	2	"	"	"	53.0	2	"	"	"
5792	- 12 6236	8.0	9	8.5	78.85	75.0	12 15.69	1	3.2030	-0.0096	+0.007	-12 11 0.9	1	17.879	0.204	-0.17
5793	+ 2 4490	9.3	....	9.3	84.8	84.0	12 17.26	..	3.0396	-0.0019	+0.007	+ 3 2 13.2	..	17.880	0.193	-0.15
5794	+ 18 4971	8.2	....	8.0	72	77.0	12 47.41	..	2.8687	+0.0046	+0.008	+18 39 39.3	..	17.900	0.181	-0.15
5795	- 9 5958	8.7	....	8	80.65	80.0	12 50.77	4	3.1691	-0.0079	+0.007	- 9 7 53.2	4	17.902	0.201	-0.17
5796	+ 20 5122	9.0	9	9.6	77.73	75.0	12 56.85	3	2.8412	+0.0055	+0.009	+20 59 50.8	3	17.906	0.179	-0.15
5797	+ 15 4619	9.3	....	...	....	84.0	13 13.37	..	2.8999	+0.0036	+0.008	+16 0 38.5	..	17.917	0.182	-0.14
5798	- 1 4284	8.8	....	9	63.67	65.0	13 13.41	2	3.0851	-0.0039	+0.007	- 1 13 26.4	2	17.917	0.194	-0.16
5799	- 12 6242	9.5	9-10	...	78.86	75.0	13 32.47	1	3.2064	-0.0099	+0.007	-12 37 25.5	1	17.929	0.202	-0.18
5800	- 12 6244	9.2	9	...	78.85	75.0	13 36.35	..	3.2054	-0.0098	+0.007	-12 32 35.8	1	17.932	0.202	-0.18

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5761	107 320	Helsingfors, Donner	Melbourne Cat. II 1084	54 <sup>s</sup> 75	6 <sup>n</sup> 4	
5762	104 25	Königsberg, Rahts	.....	.....	.....	
5763	94 311	Berlin, Tietjen	Cordoba Z. C. 207	55.24	41.1	
5764	75 29	Durham, Plummer	M <sub>1</sub> 30454	57.34	0.5	Bloss in A. R. scharf bestimmt.
5765	76 53	Königsberg, Lorek	Glasgow Cat. I 5737	57.55	6.7	
5766	69 77	Berlin, Romberg	M <sub>1</sub> 30462	12.46	32.5	
5767	95 295	Pola, J. Palisa	Santini <sub>4</sub> 2082	49.21	25.4	
5768	102 299, 111 221	Berlin, Leman	Leiden, A. G. Z. 385, 386	56.06	13.1	
5769	68 75	Wien	M <sub>2</sub> 12335	24.60	4.9	
5770	97 331	Pola, J. Palisa	B. D. — 13° 6140	37.2	21' 7	
5771	92 247	Pola, J. Palisa	B. D. + 17° 4715	43.1	8.8	
5772	84 181	Leipzig, Engelmann	Lund A. G. Z. 331, 334, [563 u. 571	49.75	33 <sup>n</sup> 8	Σ 2882. Siehe Noten. Lund med.
5773	81 75	Berlin	Pulkowa Cat. 1875.0 5103	52.54	52.9	
5774	88 27	Berlin, Becker	Cordoba Z. C. 270	55.61	50.8	
5775	97 331	Pola, J. Palisa	Schjellerup 9085	58.36	1.9	
5776	94 295	Berlin, Tietjen	Cincinnati Zones 3742	3.31	47.1	
5777	96 231	Kremsm., Strasser	Santini <sub>4</sub> 2083	7.16	32.1	
5778	69 77	Berlin, Romberg	Albany A. G. C. 7736	20.04	3.8	
5779	97 331	Pola, J. Palisa	B. D. — 11° 5790	49.0	23' 3	
5780	95 295	Pola, J. Palisa	Cordoba G. C. 30426	6.37	14 <sup>n</sup> 1	
5781	97 331	Pola, J. Palisa	B. D. — 13° 6149	8.8	38' 6	
5782	69 362	Königsberg, Sievers	Küstner 619	46.01	49 <sup>n</sup> 5	
5783	76 53	Königsberg, Lorek	B. B. VI S. 333	12.02	51.1	A. N. in Decl. um + 20" corrigirt nach A. N. 77 303
5784	69 77	Berlin, Romberg	B. D. — 4° 5647	15.1	58' 0	
5785	97 331	Pola, J. Palisa	Santini <sub>4</sub> 2088	54.87	0 <sup>n</sup> 0	
5786	94 283	Kremsmünster	Armagh Cat. II 2992	0.65	58.8	
5787	105 57	Pulkowa, Romberg	Weisse <sub>1</sub> 212, B. Z. 120	2.77	41.4	Melb. Cat. II. 1088, 2 <sup>s</sup> .63, 42 <sup>n</sup> .3; 9 <sup>m</sup> .9.
5788	107 320	Helsingfors, Donner	M <sub>2</sub> 12376	2.52	42.4	
5789	104 25	Königsberg, Rahts	Glasgow Cat. I 5776	2.56	43.3	
5790	75 29	Durham, Plummer	Glasgow Cat. I 5777	3.13	55.6	
5791	69 77	Berlin, Romberg	Kam 4465	3.22	53.0	
5792	95 295	Pola, J. Palisa	Schjellerup 9115	15.56	55.5	
5793	112 363	Ougrée, de Ball	De Ball Cat. Nr. 347	17.41	13.5	
5794	90 201	Wien	B. B. VI 4971	47.46	41.4	
5795	111 56, 101 201	Hamburg, Schrader	Cordoba G. C. 30483	50.79	51.4	
5796	92 247	Pola, J. Palisa	M <sub>2</sub> 12387	57.09	51.4	Berlin A. G. C. B. 8596, 56 <sup>s</sup> .98, 51 <sup>n</sup> .5; 8 <sup>m</sup> .9.
5797	109 382	Pulkowa, Romberg	B. D. + 15° 4619	10 7	1' 1	
5798	69 77	Berlin, Romberg	M <sub>1</sub> 30697	13.38	24 <sup>n</sup> 1	A. N. Declin. um — 1' corrigirt. Siehe Noten.
5799	97 331	Pola, J. Palisa	B. D. — 12° 6242	32.5	37' 4	
5800	95 295	Pola, J. Palisa	B. D. — 12° 6244	36.5	32.5	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
1800 +																
5801	— 12°6244	9.2	9	...	78.89	75.0	22 <sup>h</sup> 13 <sup>m</sup> 36 <sup>s</sup> 44	1	+ 3 <sup>s</sup> 2054	— 0 <sup>s</sup> 0098	+ 0 <sup>s</sup> 007	— 12° 32' 31" 5	1	17" 932	+ 0" 202	— 0" 15
5802	+ 73 969	8.5	....	8-9	82.7	82.0	13 38.31	2	1.0278	— 0.0326	— 0.044	+ 73 41 5.2	2	17.933	0.059	— 0.06
5803	+ 2 4493	8.7	....	8.3	84.8	84.0	13 45.07	2	3.0497	— 0.0023	+ 0.007	+ 2 9 23.0	2	17.938	0.191	— 0.15
5804	— 15 6196	8.5	....	8.5	80.73	75.0	13 46.60	3	3.2344	— 0.0114	+ 0.007	— 15 10 53.4	3	17.938	0.203	— 0.18
5805	— 12 6247	9.2	9	...	78.86	75.0	14 0.67	1	3.2063	— 0.0099	+ 0.007	— 12 39 41.2	1	17.948	0.201	— 0.18
5806	— 14 6262	8.8	8.4	9	73.85	73.0	14 6.39	2	3.2276	— 0.0110	+ 0.007	— 14 36 20.8	2	17.951	0.202	— 0.15
5807	— 7 5753	9.0	....	8-9	83.92	80.0	14 28.27	2	3.1514	— 0.0071	+ 0.007	— 7 35 34.1	2	17.966	0.196	— 0.17
5808	.....	...	....	9.7	84.8	84.0	14 44.38	..	3.0532	— 0.0024	+ 0.007	+ 1 50 38.6	..	17.975	0.190	— 0.16
5809	— 15 6200	8.0	8	8.0	80.77	75.0	14 50.41	3	3.2319	— 0.0113	+ 0.007	— 15 5 7.6	3	17.980	0.201	— 0.18
5810	— 11 5817	7.8	8.1	8	63.88	65.0	15 33.79	2	3.1917	— 0.0091	+ 0.007	— 11 28 34.8	2	18.008	0.197	— 0.17
5811	.....	...	....	7½	77.73	75.0	16 12.04	4	3.3635	— 0.0192	+ 0.008	— 26 28 11.6	3	18.032	0.207	— 0.20
5812	+ 0 4865	8.9	9	9	67.85	65.0	16 21.38	2	3.0703	— 0.0033	+ 0.007	+ 0 11 32.4	2	18.038	0.188	— 0.16
5813	— 12 6255	9.8	9-10	...	78.32	75.0	16 47.21	2	3.2001	— 0.0097	+ 0.007	— 12 23 14.4	2	18.055	0.195	— 0.17
5814	— 16 6075	8.3	....	8-9	64.59	65.0	16 48.92	2	3.2457	— 0.0124	+ 0.008	— 16 35 47.9	2	18.056	0.198	— 0.18
5815	— 3 5438	7.7	....	8	63.67	65.0	17 5.80	2	3.1020	— 0.0046	+ 0.007	— 2 55 52.1	2	18.066	0.189	— 0.15
5816	+ 35 4785	6.5	....	6.8	72.65	72.0	17 17.80	1	2.6510	+ 0.0112	+ 0.011	+ 36 1 36.0	1	18.074	0.160	— 0.11
5817	» »	»	....	6.5	71.85	71.0	17.89	1	»	»	»	34.4	1	»	»	»
5818	+ 8 4860	8.7	....	8-9	82.66	82.0	17 18.19	4	2.9840	+ 0.0007	+ 0.008	+ 8 39 44.5	4	18.075	0.180	— 0.14
5819	» »	»	8.8	...	82.63	82.0	18.27	11	»	»	»	43.9	11	»	»	»
5820	» »	»	8.7	...	82.67	82.0	18.49	4	»	»	»	44.5	4	»	»	»
5821	— 13 6178	8.3	....	8	77.80	77.0	17 52.16	2	3.2140	— 0.0105	+ 0.008	— 13 49 0.9	2	18.096	0.194	— 0.18
5822	— 20 6420	9.1	9	9	75.75	80.0	17 55.95	2	3.2845	— 0.0145	+ 0.008	— 20 13 40.2	2	18.098	0.198	— 0.19
5823	+ 4 4850	8.8	....	8.9	63.83	65.0	18 2.62	2	3.0277	— 0.0011	+ 0.007	+ 4 25 45.2	2	18.102	0.182	— 0.15
5824	+ 26 4420	8.5	....	9	78.75	77.0	18 2.87	4	2.7826	+ 0.0080	+ 0.009	+ 26 43 27.8	4	18.102	0.167	— 0.12
5825	— 13 6180	8.0	8	7.7	78.86	75.0	18 3.30	1	3.2113	— 0.0103	+ 0.008	— 13 35 21.1	1	18.103	0.194	— 0.18
5826	— 17 6515	8.8	9.5	9.3	83.93	80.0	18 6.55	1	3.2559	— 0.0129	+ 0.008	— 17 42 45.9	1	18.105	0.196	— 0.19
5827	— 12 6260	...	9	9	78.89	75.0	18 10.63	1	3.1946	— 0.0094	+ 0.007	— 12 1 11.9	1	18.107	0.192	— 0.17
5828	— 15 6216	9.5	9.2	...	66.84	65.0	18 15.97	1	3.2300	— 0.0114	+ 0.008	— 15 21 45.8	1	18.111	0.194	— 0.18
5829	— 14 6277	8.7	9	9.0	67.75	65.0	18 20.94	2	3.2220	— 0.0109	+ 0.008	— 14 37 46.0	2	18.114	0.194	— 0.18
5830	— 13 6183	9.0	9	...	78 86	75.0	18 26.75	1	3.2113	— 0.0103	+ 0.008	— 13 38 6.2	1	18.117	0.193	— 0.18
5831	+ 1 4606	9.0	....	8.9	84.8	84.0	18 27.17	1	3.0520	— 0.0022	+ 0.007	+ 2 1 14.9	1	18.118	0.183	— 0.15
5832	— 12 6264	8.5	9	9	78.85	75.0	18 52.12	1	3.1993	— 0.0097	+ 0.008	— 12 32 31.2	1	18.133	0.192	— 0.18
5833	— 16 6082	7.8	8	8	66.80	65.0	19 0.75	2	3.2357	— 0.0117	+ 0.008	— 15 59 25.8	2	18.138	0.193	— 0.18
5834	— 15 6221	8.0	8	8	66.75	65.0	19 16.88	1	3.2309	— 0.0115	+ 0.008	— 15 35 9.0	1	18.149	0.193	— 0.18
5835	— 13 6187	8.7	....	...	.....	72.0	19 28.56	..	3.2079	— 0.0102	+ 0.008	— 13 26 4.8	..	18.156	0.191	— 0.18
5836	— 14 6283	8.5	9	9	67.74	65.0	19 43.73	2	3.2214	— 0.0110	+ 0.008	— 14 44 58.5	2	18.165	0.191	— 0.18
5837	+ 35 4794	9.4	....	...	.....	76.0	19 48.29	1	2.6678	+ 0.0113	+ 0.011	+ 35 32 38.8	1	18.168	0.157	— 0.11
5838	+ 35 4796	9.1	....	...	73.20	73.0	20 5.59	2	2.6604	+ 0.0116	+ 0.011	+ 36 6 38.6	2	18.179	0.156	— 0.11
5839	+ 36 4830	9.4	....	...	71.85	71.0	20 8.52	1	2.6596	+ 0.0116	+ 0.011	+ 36 10 40.6	1	18.181	0.156	— 0.11
5840	— 12 6271	8.3	9	8-9	78.89	75.0	20 10.72	1	3.1920	— 0.0093	+ 0.007	— 11 59 4.7	1	18.182	0.189	— 0.17

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
5801	97 331	Pola, J. Palisa	.....	.....	.....	Identisch mit 5800.
5802	110 196	Albany, Tucker	Arg.-Oeltzen 23858	38.00	6"1	
5803	112 257	Cap	Albany A. G. C. 7748	45.10	22.8	
5804	110 295	Cap	B. B. VI S. 364 Nr. 17	46.69	50.6	Verbunden mit Melbourne und Wash. Obs. 1875.
5805	97 331	Pola, J. Palisa	.....	.....	.....	
5806	84 181	Leipzig, Engelmann	Weisse, 255, B. Z. 189	6.34	25.0	
5807	111 179	Berlin, Knorre	Santini, 434	28.02	31.1	Durch Wolken beob.
5808	112 363	Ougrée, de Ball	M, 12409	44.31	36.1	
5809	110 295	Cap	B. B. VI S. 364 Nr. 20	50.56	5.9	Verbunden mit Melbourne und Wash. Obs. 1875.
5810	69 77	Berlin, Romberg	Greenw. 6 Year Cat. 1457	33.66	36.6	
5811	92 249	Pola, J. Palisa	Cordoba G. C. 30550	12.14	10.6	
5812	72 115	Berlin, Romberg	Schjellerup 9147	21.06	32.2	
5813	97 331	Pola, J. Palisa	B. D. — 12° 6255	47.5	23'5	
5814	69 77	Berlin, Romberg	Arg.-Weiss 17373	48.82	46"2	
5815	69 77	Berlin, Romberg	Schjellerup 9152	5.60	52.2	
5816	81 156	Leiden, Valentiner	Lund A. G. Z. 289, 329, [543 u. 564	18.03	35.8	
5817	79 138	Leiden, Valentiner	Pulkowa Cat. 1875.0 5138	17.95	34.0	
5818	107 321	Helsingfors, Donner	Weisse, 333, B. Z. 120	19.33	45.0	Weisse u. B. Z. um — 1 <sup>s</sup> zu corrigiren. Siehe Noten.
5819	105 57	Pulkowa, Romberg	Rümker 10160	18.37	39.7	
5820	104 25	Königsberg, Rahts	Melbourne Cat. II 1094	18.25	46.2	
5821	94 295, 105 382	Berlin, Tietjen	Weisse, 343, B. Z. 189	52.47	2.5	Kam 4497, 52 <sup>s</sup> .44, 0"3.
5822	88 27	Berlin, Becker u. [Knorre	Arg.-Weiss 17384	55.80	35.1	
5823	69 77	Berlin, Romberg	Albany A. G. C. 7761	2.51	42.8	
5824	94 283	Kremsmünster	Weisse, 378, B. Z. 309	3.10	24.6	
5825	97 331, 111 292	Pola, J. Palisa	Yarnall 10107	3.45	22.2	
5826	111 179 u. 223	Berlin, Knorre	M, 12445	6.63	45.0	Durch Wolken beob.
5827	97 331	Pola, J. Palisa	Santini, 2519	10.41	14.6	Siehe Noten.
5828	69 77	Berlin, Romberg	B. D. — 15° 6216	16.1	24'0	A. N. Dupl. bor.
5829	72 115	Berlin, Romberg	M, 12447	20.90	46"6	
5830	97 331	Pola, J. Palisa	Santini, 2102	26.78	9.0	
5831	112 257	Cap	Albany A. G. C. 7763	27.18	15.2	
5832	95 295	Pola, J. Palisa	Weisse, 372, B. Z. 127 u. 129	52.18	31.3	Santini, 2520, 51 <sup>s</sup> .61, 31"6; 9 <sup>m</sup> .
5833	69 78	Berlin, Romberg	Arg.-Weiss 17391	0.66	25.4	
5834	69 78, 68 47 u. 77	Berlin, Romberg	Arg.-Weiss 17399	16.65	6.8	A. N. 68, A. R. um 0 <sup>s</sup> .02 grösser, Decl. um — 0"1 nördl.
5835	80 180	Hamburg	Kam 4512	28.59	4.8	
5836	72 115	Berlin, Romberg	Arg.-Weiss 17402	43.79	54.9	
5837	89 265	Marseille, Stephan	B. D. + 35° 4794	49.0	32'5	
5838	85 202	Leiden, Bakhuyzen [u. Valentiner	B. D. + 35° 4796	6.1	6.0	
5839	79 138	Leiden, Valentiner	Leiden, Mikrom. Anschluss	8.1	10.6	Siehe Noten.
5840	97 331	Pola, J. Palisa	Santini, 2523	10.58	4"3	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.		
		NACH			DER				1875.0					1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3.Glied.			Var. annua.	Var. saec.	3.Glied.
5841	.....	...	11	...	77.74	75.0	22 <sup>h</sup> 20 <sup>m</sup> 32 <sup>s</sup> 88	1	+ 2 <sup>s</sup> 6990	+0 <sup>s</sup> 0107	+0 <sup>s</sup> 0111	+33° 35' 3" <sup>0</sup>	1	+ 18" 195	+0" 158	- 0" 11
5842	- 13° 6' 19.2	9.0	9	...	78.85	75.0	20 34.48	1	3.2031	-0.0100	+0.0008	-13 6 40.3	1	18.196	0.189	- 0.15
5843	» »	»	9	...	78.86	75.0	34.55	1	»	»	»	33.2	1	»	»	»
5844	- 18 6128	9.2	....	9.0	76.76	75.0	20 38.84	3	3.2581	-0.0132	+0.0008	-18 18 28.8	3	18.199	0.192	- 0.12
5845	.....	...	....	5½	77.73	75.0	21 19.25	3	3.5366	-0.0326	+0.015	-39 45 48.4	3	18.224	0.208	- 0.22
5846	+ 29 4667	8.0	....	...	72.7	72.0	21 22.03	2	2.7489	+0.0095	+0.010	+30 5 57.9	2	18.226	0.160	- 0.11
5847	- 5 5796	8.6	8.9	9.0	73.81	70.0	21 22.99	3	3.1206	-0.0054	+0.007	- 4 57 10.8	3	18.226	0.182	- 0.16
5848	+ 0 4875	8.6	....	...	84.8	84.0	21 26.85	1	3.0623	-0.0025	+0.007	+ 1 1 13.7	1	18.228	0.178	- 0.15
5849	+ 16 4744	9.5	....	...	.....	76.0	21 35.04	1	2.9112	+0.0041	+0.008	+16 8 20.1	1	18.233	0.169	- 0.14
5850	- 12 6275	8.8	9	8.5	78.89	75.0	21 53.13	1	3.1902	-0.0093	+0.007	-11 59 45.7	1	18.244	0.185	- 0.17
5851	.....	...	10	...	77.75	75.0	22 23.25	2	2.7052	+0.0109	+0.011	+33 36 0.5	2	18.262	0.155	- 0.11
5852	- 14 6290	8.8	....	9	66.84	65.0	22 23.53	1	3.2134	-0.0106	+0.008	-14 20 16.7	1	18.263	0.186	- 0.15
5853	» »	»	9	9	67.34	65.0	23.58	2	»	»	»	16.2	2	»	»	»
5854	- 10 5925	7.5	....	8½	69.7	70.0	22 28.47	3	3.1733	-0.0083	+0.007	-10 22 36.6	3	18.266	0.183	- 0.17
5855	- 19 6285	9.5	....	9	78.75	77.0	23 4.45	5	3.2669	-0.0139	+0.008	-19 31 35.8	5	18.287	0.188	- 0.13
5856	+ 4 4860	8.6	....	8.2	68.7	68.0	23 17.44	2	3.0243	-0.0006	+0.007	+ 5 0 12.2	2	18.295	0.173	- 0.15
5857	- 13 6204	7.0	6.6	6.5	67.67	65.0	23 20.35	2	3.2042	-0.0101	+0.008	-13 33 16.3	2	18.297	0.183	- 0.13
5858	» »	»	....	6-7	77.81	77.0	20.37	2	»	»	»	15.7	2	»	»	»
5859	- 17 6537	7.0	....	7	81.7	81.0	23 40.52	..	3.2389	-0.0122	+0.008	-16 59 14.7	..	18.309	0.185	- 0.12
5860	- 1 4305	8.3	....	8.5	72.73	70.0	23 56.74	1	3.0853	-0.0036	+0.007	- 1 22 33.8	1	18.318	0.175	- 0.12
5861	+ 9 5055	7.8	....	8	82.76	82.0	24 13.49	3	2.9762	+0.0016	+0.008	+10 2 15..	..	18.329	0.173	- 0.12
5862	» »	»	....	...	82.76	82.0	13.53	5	»	»	»	16.1	8	»	»	»
5863	» »	»	7.8	7	82.75	82.0	13.59	2	»	»	»	16.2	2	»	»	»
5864	» »	»	....	8	.....	82.0	13...	..	»	»	»	15.8	4	»	»	»
5865	+ 53 2897	6.5	....	6.5	66.91	65.0	24 28.78	1	2.3380	+0.0167	+0.017	+53 36 22.8	1	18.337	0.129	- 0.07
5866	- 14 6307	9.1	....	9	77.80	77.0	24 38.96	2	3.2086	-0.0105	+0.008	-14 9 55.8	2	18.343	0.181	- 0.13
5867	+ 8 4880	7.7	....	...	82.67	82.0	24 55.36	7	2.9900	+0.0011	+0.008	+ 8 40 47.2	7	18.353	0.168	- 0.12
5868	» »	»	8.0	8	82.63	82.0	55.38	12	»	»	»	47.4	12	»	»	»
5869	» »	»	7.7	7.5	82.65	82.0	55.51	4	»	»	»	48.6	4	»	»	»
5870	- 17 6541	9.4	9.5	...	75.70	80.0	24 56.75	2	3.2438	-0.0126	+0.008	-17 39 56.3	2	18.354	0.183	- 0.12
5871	+ 10 4769	7.8	....	8	82.76	82.0	25 32.53	5	2.9766	+0.0018	+0.008	+10 7 19.1	8	18.375	0.171	- 0.12
5872	» »	»	....	8	82.76	82.0	32.54	3	»	»	»	19..	..	»	»	»
5873	» »	»	7.8	8	82.91	82.0	32.72	2	»	»	»	19.8	3	»	»	»
5874	» »	»	....	...	82.77	82.0	32...	..	»	»	»	18.0	3	»	»	»
5875	+ 53 2904	8.7	....	8.6	64.58	65.0	25 47.31	3	2.3461	+0.0171	+0.017	+53 39 26.4	3	18.384	0.129	- 0.07
5876	- 15 6240	8.8	9	9	75.73	80.0	25 50.83	2	3.2209	-0.0113	+0.008	-15 33 32.5	2	18.386	0.180	- 0.13
5877	+ 0 4892	8.2	8-9	8	67.78	65.0	26 18.04	2	3.0680	-0.0026	+0.007	+ 0 27 42.4	2	18.401	0.170	- 0.15
5878	- 4 5696	9.1	9	9.3	73.86	70.0	26 34.05	3	3.1167	-0.0052	+0.007	- 4 47 51.1	3	18.411	0.172	- 0.15
5879	» »	»	8.7	9	73.78	73.0	34.22	2	»	»	»	48.8	2	»	»	»
5880	- 16 6103	9.3	9.5	...	75.76	80.0	26 46.21	2	3.2265	-0.0117	+0.008	-16 15 24.7	2	18.418	0.178	- 0.15



UM- SER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
841	92 249	Pola, J. Palisa	Leiden, Mikr. Anschluss	33 <sup>8</sup> 3	35' 1	Siehe Noten.
842	95 295	Pola, J. Palisa	B. D. — 13° 6192	34.2	6.7	
843	97 331	Pola, J. Palisa	.....	.....	.....	v Gruis.
844	94 311	Berlin, Tietjen	Arg.-Weiss 17411	38.66	26"8	
845	92 249	Pola, J. Palisa	Cordoba G. C. 30641	19.21	47.9	
846	81 63	Königsb., Oppenheim	Leiden A. G. Z. 98	22.32	56.5	
847	84 235	Berlin, Knorre	M <sub>1</sub> 12485	22.93	9.5	
848	112 257	Cap	Albany A. G. C. 7775	26.83	14.1	
849	89 265	Marseille, Stéphan	B. D. + 16° 4744	34.9	8' 5	
850	97 331	Pola, J. Palisa	Schjellerup 9186	52.99	44"6	
851	92 249	Pola, J. Palisa	Leiden, Mikr. Anschluss	24.0	36' 1	Siehe Noten.
852	69 78	Berlin, Romberg	Schjellerup 9187	23.36	14"7	
853	72 115	Berlin, Romberg	Arg.-Weiss 17427	23.37	14.3	E. B. + 0.011 . . . nach Greenw.
854	76 53	Königsberg, Lorek	Cordoba G. C. 30667	28.55	35.3	
855	94 295	Kremsmünster	Cincinnati Zones 3790	4.41	41.8	
856	78 169	Warschau	Albany A. G. C. 7779	17.29	7.9	
857	72 115	Berlin, Romberg	Cordoba G. C. 30680	20.37	15.2	
858	94 295	Berlin, Tietjen	Greenw New 7 Years [Cat. 2570]	20.23	14.7	
859	101 285	Palermo, Zona	Arg.-Weiss 17436	41.98	14.0	
860	81 75	Berlin	Schjellerup 9205	56.74	32.2	
861	105 63	Pulkowa, Wagner	Glasgow Cat. I 5848	13.45	17.3	In Pulk. am Passageninstr. Epoche der Declin. Beob. 82.68.
862	105 61	Pulkowa, Romberg	Rümker 10289	13.36	15.6	
863	104 331	Königsberg, Rahts	M <sub>1</sub> 31080	13.40	16.2	Epoche der Declin. Beob. 82.77.
864	107 323	Helsingfors, Donner	Santini <sub>1</sub> 1568	13.45	15.1	
865	69 78	Berlin, Romberg	Cambr. (M.) A.G.C. 7736	28.89	22.8	Siehe Noten.
866	94 295	Berlin, Tietjen	Schjellerup 9209	38.44	53.8	
867	107 321	Helsingfors, Donner	Göttingen Cat. II 6226	55.40	50.6	
868	105 58	Pulkowa, Romberg	Glasgow Cat. I 5855	55.33	47.7	
869	104 25	Königsberg, Rahts	Brüssel Cat. 10080	55.28	48.1	
870	88 27	Berlin, Knorre	B. D. — 17° 6541	57.0	39' 9	
871	105 62	Pulkowa, Romberg	Glasgow Cat. I 5860	32.52	19"2	Epoche der Declin. Beob. 82.68.
872	105 64	Pulkowa, Wagner	Weisse <sub>1</sub> 511, B. Z. 108	32.62	21.0	Am Pulk. Passageninstr. beob.
873	104 331	Königsberg, Rahts	M <sub>1</sub> 31129	32.64	21.0	Epoche der Declin. Beob. 82.91.
874	107 324	Helsingfors, Donner	Rümker 10320	32.63	19.1	A. N. Declin. um — 1' corrigirt.
875	69 78	Berlin, Romberg	Cambr. (M.) A.G.C. 7748	47.22	27.2	Siehe Noten.
876	88 27	Berlin, Becker	Arg.-Weiss 17450	50.61	30.6	
877	72 116, 111 292, 112 257	Berlin, Romberg	Schjellerup 9218	18.07	42.3	
878	84 237	Berlin, Knorre	Schjellerup 9220	34.21	50.8	
879	82 277, 84 181	Leipzig, Engelmann	Brüssel 10100	34.00	51.9	
880	88 27	Berlin, Knorre	B. D. — 16° 6103	46.8	15' 6	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHÉ DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0						
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.				
5881	— 19°6309	8.0	....	8.5	85.0	85.0	22 <sup>h</sup> 27 <sup>m</sup> 24 <sup>s</sup> 47	..	+ 3 <sup>s</sup> 2566	— 0 <sup>s</sup> 0137	+ 0 <sup>s</sup> 0009	— 19° 19' 47" 6	..	+ 18" 440	+ 0" 179	— 0' 13				
5882	— 6 6021	9.0	9.0	9.0	83.92	80.0	28 9.64	2	3.1303	— 0.0060	+ 0.007	— 6 21 4.9	2	18.465	0.170	— 0.16				
5883	— 0 4383	7.5	....	7	84.7	84.0	28 12.33	1	3.0727	— 0.0028	+ 0.007	— 0 2 50.3	1	18.467	0.167	— 0.16				
5884	— 4 5716	8.5	9	9	66.81	65.0	28 13.20	2	3.1109	— 0.0049	+ 0.007	— 4 14 37.5	2	18.467	0.169	— 0.16				
5885	— 4 5707	8.5	8.3	9	73.7	73.0	28 45.11	1	3.1139	— 0.0050	+ 0.007	— 4 35 35.1	1	18.486	0.168	— 0.16				
5886	» » »	8.5	...	...	73.7	73.0	45.20	1	»	»	»	35.1	1	»	»	»				
5887	+ 5 5036	8.3	9	...	63.76	65.0	28 56.34	2	3.0242	— 0.0002	+ 0.007	+ 5 18 29.5	2	18.492	0.163	— 0.13				
5888	— 4 5710	8.7	9	8.7	73.87	70.0	29 46.72	3	3.1141	— 0.0051	+ 0.007	— 4 39 56.9	3	18.520	0.166	— 0.16				
5889	— 6 6033	9.2	9.2	9-10	83.93	80.0	30 41.27	1	3.1258	— 0.0057	+ 0.008	— 6 1 26.8	1	18.551	0.165	— 0.17				
5890	+ 30 4752	7.1	....	...	70.7	70.0	30 57.18	3	2.7781	+ 0.0104	+ 0.011	+ 30 8 30..	..	18.559	0.146	— 0.12				
5891	— 0 4391	9.3	....	10	84.8	84.0	31 4.33	..	3.0758	— 0.0028	+ 0.008	— 0 23 57.0	..	18.563	0.162	— 0.16				
5892	+ 8 4902	9.1	9.3	...	82.63	82.0	31 7.07	12	2.9997	+ 0.0011	+ 0.008	+ 8 9 55.9	12	18.565	0.158	— 0.15				
5893	» » »	...	...	9.0	82.68	82.0	7.17	4	»	»	»	55.4	4	»	»	»				
5894	» » »	9.1	9	...	82.58	82.0	7.27	5	»	»	»	57.0	5	»	»	»				
5895	— 4 5717	5.3	7.1	5.2	73.7	73.0	31 17.06	2	3.1152	— 0.0051	+ 0.008	— 4 52 19.5	2	18.570	0.164	— 0.17				
5896	.....	...	...	7½	77.73	75.0	31 17.95	4	3.3217	— 0.0186	+ 0.010	— 26 18 12.6	4	18.571	0.175	— 0.23				
5897	— 17 6566	8.5	....	8-9	76.80	76.0	31 47.49	2	3.2268	— 0.0121	+ 0.009	— 17 7 18.2	2	18.587	0.169	— 0.18				
5898	— 4 5717	9.0	....	9	73.87	73.0	31 51.00	1	3.1106	— 0.0048	+ 0.008	— 4 22 16.9	1	18.589	0.162	— 0.16				
5899	— 14 6320	7.9	8	8.0	81.87	81.0	31 54.61	4	3.2039	— 0.0106	+ 0.009	— 14 42 57.0	4	18.591	0.167	— 0.18				
5900	+ 2 4535	9.0	9	8.7	67.79	65.0	32 2.08	2	3.0467	— 0.0012	+ 0.008	+ 2 55 35.5	2	18.595	0.158	— 0.15				
5901	— 4 5718	9.1	9	...	73.7	70.0	32 6.24	5	3.1109	— 0.0048	+ 0.008	— 4 25 15.6	5	18.597	0.162	— 0.16				
5902	— 4 5719	9.0	....	9	73.80	73.0	32 6.94	2	3.1116	— 0.0049	+ 0.008	— 4 29 55.2	2	18.598	0.162	— 0.16				
5903	» » »	»	9.1	10	73.7	73.0	7.13	2	»	»	»	55.3	2	»	»	»				
5904	— 10 5963	6.9	....	6.9	71.70	70.0	32 41.24	1	3.1660	— 0.0082	+ 0.008	— 10 40 41.2	1	18.616	0.164	— 0.17				
5905	— 4 5721	8.5	8	8½	78.08	70.0	32 47.07	5	3.1092	— 0.0047	+ 0.008	— 4 15 23.6	5	18.620	0.160	— 0.16				
5906	» » »	»	8.0	8.5	73.7	73.0	47.08	1	»	»	»	25.0	1	»	»	»				
5907	» » »	»	(8.5)	8	73.7	73.0	47.12	1	»	»	»	22.9	1	»	»	»				
5908	» » »	»	7.8	9	66.81	65.0	47.16	2	»	»	»	23.5	2	»	»	»				
5909	+ 0 4904	8.5	8-9	8.7	67.70	65.0	33 22.10	2	3.0689	— 0.0024	+ 0.008	+ 0 23 16.8	2	18.638	0.157	— 0.16				
5910	— 4 5724	9.5	10	...	74.86	70.0	33 32.10	2	3.1134	— 0.0049	+ 0.008	— 4 46 39.6	2	18.643	0.159	— 0.17				
5911	— 10 5966	7.0	....	7.4	77.79	77.0	33 32.30	2	3.1592	— 0.0078	+ 0.008	— 10 0 40.7	2	18.644	0.162	— 0.17				
5912	— 7 5827	7.5	8	8	64.11	65.0	33 41.31	4	3.1342	— 0.0062	+ 0.008	— 7 11 3.0	4	18.649	0.160	— 0.17				
5913	+ 30 4761	7.0	....	...	70.7	70.0	33 53.97	3	2.7834	+ 0.0109	+ 0.011	+ 30 29 42..	..	18.656	0.141	— 0.12				
5914	+ 33 4561	9.3	....	...	.....	76.0	34 23.54	1	2.7499	+ 0.0121	+ 0.012	+ 33 27 27.3	1	18.671	0.138	— 0.12				
5915	+ 7 4910	9.2	9.3	9	82.68	82.0	35 11.03	10	3.0082	+ 0.0011	+ 0.008	+ 7 32 49.9	8	18.697	0.151	— 0.15				
5916	» » »	»	....	9.8	.....	82.0	11.10	4	»	»	»	50.6	4	»	»	»				
5917	» » »	»	9.2	...	.....	82.0	11.41	4	»	»	»	51.8	4	»	»	»				
5918	+ 8 4916	8.6	....	9	68.7	68.0	35 35.29	3	3.0005	+ 0.0015	+ 0.008	+ 8 28 36.8	3	18.709	0.150	— 0.15				
5919	— 4 5723	7.7	....	8	73.74	73.0	35 38.38	2	3.1070	— 0.0046	+ 0.008	— 4 7 33.3	2	18.711	0.155	— 0.17				
5920	» » »	»	7.8	8	73.7	72.0	38.42	2	»	»	»	32.9	2	»	»	»				

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5881	112 369	Cordoba	Cincinnati Zones 3798	24 <sup>s</sup> 55	48" 4	
5882	111 179	Berlin, Knorre	M <sub>2</sub> 12569	9.58	4.0	
5883	112 258	Cap	Cordoba G. C. 30789	12.25	48.3	
5884	69 78	Berlin, Romberg	Weisse <sub>1</sub> 567, B. Z. 20	13.00	37.0	
5885	82 277	Leipzig, Engelmann	M <sub>1</sub> 31219	45.72	39.6	
5886	82 379, 84 181	Leipzig, Engelmann	Rümker 10386	44.89	31.4	
5887	69 78	Berlin, Romberg	Kam 4555	56.35	28.5	
5888	84 237	Berlin, Knorre	Schjellerup 9239	46.52	58.2	
5889	111 179	Berlin, Knorre	Weisse <sub>1</sub> 620, B. Z. 122	41.68	29.2	Durch Wolken beob. M <sub>2</sub> 12587, 41 <sup>s</sup> .21, 33"7; 10 <sup>m</sup> .0
5890	77 158	Durham, Plummer	Leiden, A. G. Z. 1, 2	57.18	40.0	Bloss in A. R. scharf bestimmt.
5891	112 363	Ougrée, de Ball	M <sub>1</sub> 31298	4.54	54.6	
5892	105 58	Pulkowa, Romberg	Kam 4563	7.15	56.6	
5893	107 322	Helsingfors, Donner	Pulkowa Cat. 1875.0 5211	7.20	56.4	
5894	104 25	Königsberg, Rahts	Weisse <sub>1</sub> 631, B. Z. 120	6.82	55.0	
5895	82 277, 84 181	Leipzig, Engelmann	Cordoba G. C. 30842	16.87	18.7	x Aquarii. A. N. 84 Declin. 1" nördlicher.
5896	92 249	Pola, J. Palisa	Cordoba G. C. 30844	17.90	10.0	
5897	94 289	Berlin, Tietjen	Arg.-Weiss 17513	47.49	15.7	
5898	86 314, 107 107	Leiden, E. Bakhuyzen	Lalande 44228	51.42	15.6	
5899	102 299, 111 292	Berlin, Leman	Yarnall 10232	54.54	58.8	
5900	72 116	Berlin, Romberg	Albany A. G. C. 7831	1.98	34.3	
5901	84 237	Berlin, Knorre	B. D. — 4° 5718	6.1	25' 2	
5902	86 314, 107 107	Leiden, E. Bakhuyzen	M <sub>2</sub> 12601	6.89	56" 4	
5903	82 379, 84 42 u. 182	Leipzig, Engelmann	M <sub>1</sub> 31329	7.11	59.8	
5904	81 75	Berlin	Cordoba G. C. 30868	41.29	38.3	
5905	84 237	Berlin, Knorre	Cordoba G. C. 30871	47.05	25.1	
5906	82 379, 84 42	Leipzig, Engelmann	Schjellerup 9261	47.12	22.1	
5907	82 277, 84 182	Leipzig, Engelmann	Brüssel 10147	47.08	22.8	Brüssel um 1' südlicher.
5908	69 78	Berlin, Romberg	Weisse <sub>1</sub> 669, B. Z. 20	47.09	21.9	
5909	72 116	Berlin, Romberg	Schjellerup 9269-70	22.14	17.2	
5910	86 215	Berlin, Knorre	B. D. — 4° 5724	31.9	46' 7	
5911	94 295	Berlin, Tietjen	Pulkowa Cat. 1875.0 5221	32.34	42" 4	
5912	69 78	Berlin, Romberg	Cordoba G. C. 30887	41.17	5.2	
5913	77 158	Durham, Plummer	Leiden A. G. Z. 237, 342	54.10	43.0	Bloss in A. R. scharf bestimmt.
5914	89 265	Marseille, Stéphan	B. D. + 33° 4561	24.5	27' 3	
5915	105 58	Pulkowa, Romberg	Weisse <sub>1</sub> 719, B. Z. 120	11.24	52" 2	
5916	107 322	Helsingfors, Donner	Melbourne Cat. II 1111	11.19	51.3	
5917	104 25	Königsberg, Rahts	.....	.....	.....	
5918	78 169	Warschau	Schjellerup 9283	35.07	33.0	
5919	86 314, 107 107	Leiden, E. Bakhuyzen	Cordoba G. C. 30923	38.38	33.3	
5920	82 277, 84 42 u. 182	Leipzig, Engelmann	Schjellerup 9285	38.23	33.3	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800 +												
5921	— 18°6174	8.7	9	9.0	74.82	70.0	22 <sup>h</sup> 36 <sup>m</sup> 58 <sup>s</sup> 88	2	+ 3 <sup>s</sup> 2282	—0 <sup>s</sup> 0125	+0 <sup>s</sup> 009	—18° 2' 45" 1	2	18 <sup>h</sup> 725	+0 <sup>h</sup> 160	— 0 <sup>h</sup> 19	
5922	— 0 4405	7.7	....	7½	78.75	77.0	36 18.40	4	3.0771	—0.0027	+0.008	— 0 34 55.3	4	18.732	0.152	— 0 16	
5923	— 13 6249	9.0	8	9	75.68	80.0	36 19.26	2	3.1825	—0.0094	+0.008	—13 0 11.2	2	18.732	0.158	— 0 18	
5924	— 11 5902	9.7	10.6	...	66.93	66.0	36 20.20	2	3.1702	—0.0086	+0.008	—11 35 31.2	2	18.733	0.157	— 0 17	
5925	— 13 6250	8.9	8	8-9	75.67	80.0	36 23.32	1	3.1823	—0.0094	+0.008	—12 59 12.6	1	18.734	0.158	— 0 18	
5926	— 0 4406	7.5	....	7	78.86	77.0	36 24.73	4	3.0758	—0.0026	+0.008	— 0 25 19.7	4	18.735	0.152	— 0 16	
5927	— 3 5490	8.7	....	8-9	81.7	81.0	36 28.07	..	3.0982	—0.0040	+0.008	— 3 6 53.5	..	18.737	0.153	— 0 16	
5928	— 4 5740	9.1	....	9	73.72	70.0	36 31.02	3	3.1062	—0.0045	+0.008	— 4 4 54.2	..	18.738	0.153	— 0 17	
5929	» » »	»	....	9.3	73.87	73.0	31.12	1	»	»	»	53.4	1	»	»	»	
5930	— 7 5837	8.0	....	8½	77.80	77.0	36 40.98	3	3.1380	—0.0065	+0.008	— 7 52 9.4	3	18.744	0.155	— 0 17	
5931	— 17 6579	9.8	....	...	76.79	76.0	36 46.26	2	3.1403	—0.0066	+0.009	—17 18 51.4	2	18.746	0.159	— 0 18	
5932	— 8 5932	8.3	....	8	77.82	77.0	38 3.79	2	3.1403	—0.0066	+0.008	— 8 16 22.4	2	18.786	0.152	— 0 17	
5933	— 17 6584	8.5	....	9.0	76.78	76.0	38 36.11	3	3.2165	—0.0119	+0.009	—17 14 35.2	3	18.803	0.155	— 0 18	
5934	— 17 6586	8.6	....	9.0	.....	76.0	38 53.09	..	3.2160	—0.0119	+0.009	—17 13 48.9	..	18.811	0.155	— 0 18	
5935	— 11 5912	7.2	....	7.0	.....	75.0	39 38.85	..	3.1684	—0.0086	+0.008	—11 49 19.5	..	18.834	0.151	— 0 17	
5936	+ 6 5060	7.0	....	8	71.70	71.0	40 10.91	2	3.0168	+0.0010	+0.008	+ 6 55 29.5	2	18.850	0.142	— 0 15	
5937	» » »	»	(8)	7.0	70.30	70.0	10.93	1	»	»	»	32.0	1	»	»	»	
5938	.....	...	....	6.5	77.73	75.0	40 18.10	4	3.3892	—0.0260	+0.014	—34 49 15.7	4	18.854	0.160	— 0 22	
5939	— 19 6337	8.5	....	8	.....	79.0	40 49.49	..	3.2354	—0.0135	+0.010	—19 49 9.4	..	18.869	0.152	— 0 19	
5940	— 8 5947	9.0	....	9	77.79	77.0	40 54.91	2	3.1366	—0.0064	+0.008	— 8 5 38.0	2	18.872	0.147	— 0 17	
5941	— 15 6275	9.4	9	...	76.94	75.0	41 13.51	1	3.1978	—0.0108	+0.009	—15 34 13.5	1	18.881	0.149	— 0 18	
5942	— 3 5508	9.2	....	...	73.69	70.0	41 21.57	2	3.1013	—0.0041	+0.008	— 3 41 24.2	2	18.885	0.144	— 0 17	
5943	+ 9 5104	8.3	....	9	68.7	68.0	41 29.04	3	2.9956	+0.0024	+0.009	+ 9 40 51.1	3	18.889	0.139	— 0 15	
5944	— 11 5923	6.2	7	6.2	75.78	80.0	41 55.49	2	3.1608	—0.0081	+0.008	—11 12 55.2	2	18.902	0.146	— 0 17	
5945	— 4 5764	8.5	8.4	8.7	73.7	73.0	42 32.87	2	3.1036	—0.0042	+0.008	— 4 2 48.7	2	18.920	0.142	— 0 17	
5946	+ 30 4809	7.8	....	...	70.7	70.0	42 34.97	3	2.8119	+0.0117	+0.011	+30 26 24..	..	18.921	0.128	— 0 12	
5947	» » »	»	....	...	72.7	72.0	35.11	2	»	»	»	28.2	2	»	»	»	
5948	— 3 5514	9.7	10	...	73.94	70.0	42 39.13	1	3.0976	—0.0038	+0.008	— 3 16 30.3	1	18.923	0.141	— 0 17	
5949	— 14 6354	4.0	4	4.0	78.77	78.0	42 58.30	15	3.1842	—0.0098	+0.009	—14 15 7..	..	18.932	0.145	— 0 18	
5950	+ 30 4815	8.5	....	...	71.70	70.0	43 25.57	1	2.8177	+0.0116	+0.011	+30 8 33.5	1	18.945	0.127	— 0 12	
5951	.....	...	10.9	...	73.78	70.0	43 37.66	5	2.9876	+0.0030	+0.009	+10 57 29.2	5	18.951	0.139	— 0 15	
5952	— 10 6002	8.2	....	8	81.71	80.0	44 39.25	3	3.1482	—0.0073	+0.008	— 9 59 10.0	3	18.980	0.140	— 0 17	
5953	— 2 5838	9.5	....	...	84.8	84.0	44 49.92	..	3.0869	—0.0030	+0.008	— 1 56 31.2	..	18.985	0.137	— 0 16	
5954	— 11 5938	9.0	....	...	78.89	78.0	44 57.51	2	3.1578	—0.0080	+0.008	—11 15 18.4	2	18.989	0.140	— 0 17	
5955	— 11 5940	8.5	8.6	8-9	73.87	73.0	45 35.94	3	3.1599	—0.0082	+0.008	—11 37 8.5	3	19.007	0.139	— 0 17	
5956	— 13 6291	8.9	9	...	67.71	65.0	45 45.81	2	3.1722	—0.0087	+0.009	—13 12 56.5	2	19.011	0.139	— 0 18	
5957	— 8 5968	4.2	4	4.2	78.77	78.0	46 5.57	15	3.1336	—0.0063	+0.008	— 8 14 ....	..	19.020	0.137	— 0 17	
5958	— 3 5521	7.8	....	8	73.68	70.0	46 12.99	2	3.0966	—0.0037	+0.008	— 3 17 22.3	2	19.024	0.135	— 0 17	
5959	» » »	»	8.3	7.8	73.7	73.0	13.04	2	»	»	»	21.1	2	»	»	»	
5960	+ 6 5078	7.9	7.8	9	63.90	65.0	46 17.08	2	3.0204	+0.0014	+0.008	+ 6 59 48.7	2	19.026	0.131	— 0 15	

UM- ER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
921	86 215	Berlin, Knorre	Arg.-Weiss 17551	5.88	41"0	A. N. 111 A. R. um 0 <sup>s</sup> .03 grösser, Decl. um 0.4 südl.
922	94 297	Berlin, S.	Cordoba G. C. 30933	18.38	53.8	
923	88 27	Berlin, Becker u.	Schjellerup 9290	19.20	10.3	
924	69 104 u. 184, 111 292	Leipzig [Knorre]	B. D. — 11° 5902	20.6	35'8	
925	88 27	Berlin, Becker	Santini, 2128	23.14	9"4	
926	94 295	Berlin, S.	Cordoba G. C. 30937	24.83	18.7	
927	101 347	O'Gyalla	Lalande 44422	28.28	50.9	
928	84 237	Berlin, Knorre	M <sub>1</sub> 31457	30.85	1.1	
929	86 314	Leiden, E. Bakhuyzen	M <sub>2</sub> 12647	31.14	57.5	
930	94 295	Berlin, Tietjen	Cordoba G. C. 30944	40.82	10.1	
931	94 289	Berlin, Tietjen	B. D. — 17° 6579	45.1	19'3	A. N. Declin. um — 1' corrigirt. Siehe Noten.
932	94 295	Berlin, Tietjen	Cordoba G. C. 30970	3.65	20"8	
933	94 289	Berlin, Tietjen	Arg.-Weiss 17573	35.96	27.6	
934	94 311	Berlin, Tietjen	Arg.-Weiss 17579	52.95	47.2	
935	94 311	Berlin, Tietjen	Cordoba G. C. 31005	38.93	20.1	
936	79 138	Leiden, Valentiner	Glasgow Cat. I 5940	10.88	31.9	
937	79 75	Leipzig, Engelmann	Armagh Cat. II 3070	10.87	30.6	
938	92 249	Pola, J. Palisa	Cordoba G. C. 31024	18.29	14.8	
939	97 331	Kremsmünster	Arg.-Weiss 17594	48.99	16.2	
940	94 311	Berlin, Tietjen	Schjellerup 9327	54.80	36.7	
941	91 217	Pola, J. Palisa	B. D. — 15° 6275	15.6	34'3	E. B. nach Pulk. Cat. + 0 <sup>s</sup> .0126 — 0"056. Bloss in A. R. scharf bestimmt.
942	84 237	Berlin, Knorre	B. D. — 3° 5508	21.6	41.6	
943	78 169	Warschau	M <sub>1</sub> 31591	29.27	50"8	
944	88 27	Berlin, Becker	Cordoba G. C. 31061	55.45	53.0	
945	82 277, 84 182	Leipzig, Engelmann	Pulkowa Cat. 1875.0 5265	32.83	49.9	
946	77 158	Durham, Plummer	Leiden, A. G. Z. 231, 342	35.13	29.3	
947	81 63	Königsb., Oppenheim	.....	.....	.....	
948	84 237	Berlin, Knorre	B. D. — 3° 5514	39.6	16'2	
949	94 223	Königsberg, Franz	Pulkowa Cat. 1875.0 5266	58.38	7"4	
950	81 75	Berlin	Leiden A. G. Z. 1, 2	25.42	33.4	
951	104 199	Leipzig, Engelmann	.....	.....	.....	λ Aquarii. E. B. nach Pulk. — 0 <sup>s</sup> .0016 + 0"040.
952	111 56	Hamburg, Schrader	Santini, 2570	39.22	10.8	
953	112 364	Ougrée, de Ball	B. D. — 2° 5838	50.4	56'4	
954	94 291	Kremsmünster	B. D. — 11° 5938	57.5	15.5	
955	84 182	Leipzig, Engelmann	Santini, 2571	35.71	7"9	
956	72 116	Berlin, Romberg	B. D. — 13° 6291	45.5	12'9	
957	94 223	Königsberg, Franz	Pulkowa Cat. 1875.0 5274	5.58	39"5	
958	84 237	Berlin, Knorre	Schjellerup 9373-4	12.90	21.6	
959	82 277, 84 182	Leipzig, Engelmann	Karlsruhe Beob. Heft II	13.08	22.8	
960	69 78 u. 121	Berlin, Romberg	Schjellerup 9376 [S. 205]	16.87	49.5	

NUM-MER.	NUMMER der nördl. u. südl. Bonner Durchmusterung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.			
		NACH			DER				1875.0					1875.0			
		B. D.	A. N.	Quelle	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
					1800	+											
5961	— 4°5781	9.1	9	...	73.91	70.0	22 <sup>h</sup> 46 <sup>m</sup> 28 <sup>s</sup> 95	2	+ 3 <sup>s</sup> 1076	—0 <sup>s</sup> 0044	+0 <sup>s</sup> 008	— 4°47' 55"7	2	19 <sup>m</sup> 031	+0 <sup>m</sup> 135	— 0 <sup>m</sup> 17	
5962	+ 0 4936	9.2	8	9.6	64.66	65.0	46 47.82	2	3.0680	—0.0017	+0.008	+ 0 34 54.3	2	19.040	0.132	— 0.15	
5963	— 9 6077	9.3	....	9-10	80.8	80.0	46 50.49	1	3.1444	—0.0071	+0.008	— 9 45 29.2	1	19.041	0.136	— 0.17	
5964	— 12 6371	5.9	7	6.0	77.79	77.0	46 53.64	4	3.1635	—0.0085	+0.009	—12 16 50.7	4	19.043	0.137	— 0.17	
5965	" "	"	....	6	77.80	77.0	53.69	5	"	"	"	50.1	5	"	"	"	
5966	" "	"	6.5	5.8	77.64	77.0	53.76	12	"	"	"	50.1	12	"	"	"	
5967	— 6 6087	7.0	8	6.9	64.66	65.0	46 58.52	2	3.1211	—0.0054	+0.008	— 6 39 1.4	1	19.045	0.134	— 0.17	
5968	— 6 6088	8.7	....	9	64.70	65.0	47 8.25	2	3.1219	—0.0055	+0.008	— 6 46 23.4	2	19.049	0.134	— 0.17	
5969	— 12 6374	5.9	....	7.0	77.76	77.0	47 31.42	5	3.1671	—0.0088	+0.009	—12 51 12.1	5	19.060	0.136	— 0.18	
5970	" "	"	7.8	7.0	77.80	77.0	31.45	4	"	"	"	13.4	4	"	"	"	
5971	" "	"	6.7	7.0	77.91	77.0	31.52	4	"	"	"	12.5	4	"	"	"	
5972	+ 29 4797	7.4	....	...	71.70	70.0	47 39.64	1	2.8317	+0.0120	+0.011	+30 5 53.6	1	19.063	0.120	— 0.12	
5973	— 4 5785	9.4	10	...	65.7	65.0	47 48.23	2	3.1046	—0.0042	+0.008	— 4 28 11.8	2	19.067	0.132	— 0.17	
5974	— 3 5527	8.5	8.3	9	73.7	73.0	47 50.74	1	3.0977	—0.0037	+0.008	— 3 31 2.5	1	19.068	0.132	— 0.17	
5975	" "	"	8.7	...	73.7	73.0	50.81	1	"	"	"	2.4	1	"	"	"	
5976	— 17 6619	5.6	....	5 8	80.83	80.0	48 8.44	3	3.1978	—0.0113	+0.010	—16 56 3.2	3	19.076	0.136	— 0.18	
5977	+ 37 4719	9.0	....	8.8	71.85	71.0	48 19.80	1	2.7561	+0.0155	+0.014	+37 32 38.0	1	19.082	0.116	+ 0.12	
5978	" "	"	....	8.8	72.65	72.0	19.85	1	"	"	"	41.7	1	"	"	"	
5979	— 6 6096	7.7	8	6.5	65.74	65.0	48 52.00	2	3.1177	—0.0052	+0.008	— 6 21 18.4	2	19.096	0.131	— 0.17	
5980	— 10 6019	8.8	....	9	81.75	80.0	48 58.72	4	3.1465	—0.0073	+0.008	—10 19 30.8	4	19.099	0.132	— 0.17	
5981	+ 5 5106	9.2	....	10	80.7	80.0	49 5.23	2	3.0326	+0.0008	+0.008	+ 5 33 39.5	2	19.102	0.126	— 0.15	
5982	+ 5 5110	8.8	....	...	80.7	80.0	50 0.19	3	3.0360	+0.0007	+0.009	+ 5 9 14.4	3	19.126	0.125	— 0.15	
5983	+ 4 4927	9.4	....	9.5	80.7	80.0	50 14.30	3	3.0382	+0.0006	+0.009	+ 4 51 7.5	3	19.132	0.125	— 0.15	
5984	— 17 6625	8.8	....	8-9	80.7	80.0	50 15.26	..	3.1942	—0.0112	+0.010	—16 56 15.1	..	19.133	0.131	— 0.18	
5985	" "	"	....	9.5	81.56	80.0	15.26	4	"	"	"	15.0	3	"	"	"	
5986	+ 0 4948	9.0	....	...	65.9	65.0	50 31.22	..	3.0657	—0.0014	+0.009	+ 0 56 36.3	..	19.140	0.125	— 0.15	
5987	+ 5 5111	8.8	....	9	80.7	80.0	50 33.93	3	3.0343	+0.0009	+0.009	+ 5 26 5.8	3	19.141	0.124	— 0.15	
5988	— 3 5536	8.3	....	8-9	70.79	70.0	50 58.46	1	3.0987	—0.0037	+0.009	— 3 49 14.6	1	19.152	0.126	— 0.17	
5989	" "	"	....	7½	73.72	73.0	58.46	1	"	"	"	16.0	1	"	"	"	
5990	.....	...	....	...	84.8	84.0	51 7.68	..	3.0906	—0.0031	+0.009	— 2 39 10.6	..	19.155	0.125	— 0.17	
5991	— 15 6309	9.1	....	...	81.54	80.0	51 15.90	4	3.1805	—0.0102	+0.010	—15 19 24.4	3	19.159	0.129	— 0.18	
5992	— 6 6107	9.4	9-10	...	80.8	....	51 20.67	1	3.1174	—0.0052	+0.009	— 6 32 9.3	1	19.161	0.126	— 0.17	
5993	— 11 5961	8.7	....	9	77.76	77.0	51 33.11	7	3.1544	—0.0081	+0.009	—11 47 59.9	6	19.167	0.127	— 0.17	
5994	" "	"	9	8½	77.84	77.0	33.19	2	"	"	"	59.7	2	"	"	"	
5995	" "	"	9½	9.0	78.76	78.0	33.19	13	"	"	"	....	..	"	"	"	
5996	" "	"	9.5	9.5	77.73	77.0	33.34	4	"	"	"	58.9	3	"	"	"	
5997	+ 47 3985	5.3	....	6	72.83	72.0	51 33.18	4	2.6351	+0.0211	+0.020	+48 1 0.2	6	19.167	0.105	— 0.15	
5998	+ 7 4951	9.1	9.1	10	63.90	65.0	51 48.36	2	3.0178	+0.0022	+0.009	+ 7 54 44.4	2	19.173	0.121	— 0.15	
5999	— 3 5539	6.3	8.1	6.8	73.78	73.0	51 49.13	2	3.0932	—0.0033	+0.009	— 3 3 46.4	2	19.173	0.124	— 0.17	
6000	+ 4 4931	9.2	....	...	80.8	80.0	52 24.28	3	3.0409	+0.0006	+0.009	+ 4 37 1.4	3	19.188	0.120	— 0.15	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5961	84 237	Berlin, Knorre	B. D. — 4° 5781	29.3	47' 9	
5962	69 78, 67 121	Berlin, Romberg	M <sub>2</sub> 12727	47.86	54" 7	
5963	98 371	Pola, J. Palisa	Santini, 2576	50.05	27.5	Weisse, 954, B. Z. 186, 50 <sup>s</sup> .18, 32 <sup>n</sup> .9; 9 <sup>m</sup> .
5964	92 172	Berlin, Becker	Cordoba G. C. 31143	53.80	50.5	
5965	91 259	Königsberg, Franz	Glasgow Cat. I 5983	53.43	49.0	A. N. Epoche der Declin. Beob. 77.79.
5966	95 33	Leiden, E. Bakhuyzen [u. Kapteyn]	Greenw. 10 Y. Cat. 3833	53.70	51.3	E. B. nach Greenw. + 0 <sup>s</sup> .0002 — 0 <sup>n</sup> .012. 74 Aquarii.
5967	69 78	Berlin, Romberg	Cordoba G. C. 31144	58.39	0.7	
5968	69 78	Berlin, Romberg	M <sub>1</sub> 31715	8.34	21.7	Siehe Noten.
5969	91 259	Königsberg, Franz	Yarnall 10345	31.40	11.6	75 Aquarii. Epoche der Declin. Beob. 77.79.
5970	92 172	Berlin, Becker	Pulkowa Cat. 1875.0 5276	31.51	13.4	
5971	95 33	Leiden, E. Bakhuyzen [u. Kapteyn]	Cordoba G. C. 31154	31.52	11.7	A. N. Epoche der Declin. Beob. 77.91.
5972	81 75	Berlin	Leiden A. G. Z. 231, 342	39.68	54.0	
5973	68 75	Wien	B. D. — 4° 5785	48.5	27' 8	
5974	82 277, 84 182	Leipzig, Engelmann	Weisse, 972, B. Z. 20	51.09	57" 4	
5975	82 379	Leipzig, Engelmann	.....	.....	.....	
5976	111 56, 101 201	Hamburg, Schrader	Cordoba G. C. 31166	8.49	2.7	E. B. — 0 <sup>s</sup> .017, — 0 <sup>n</sup> .09 nach Porter Pr. Mot. 1267.
5977	79 138 u. 147	Leiden, Valentiner	Pulkowa Cat. 1875.0 5283	20.01	38.5	
5978	81 156	Leiden, Valentiner	Lund A. G. Z. 357 u. 361 <sup>a</sup>	20.02	39.3	
5979	69 78	Berlin, Romberg	Yarnall 10358	51.88	18.7	
5980	111 56	Hamburg, Schrader	M <sub>1</sub> 31759	59.01	29.6	
5981	100 275	Washington	Schjellerup 9399	4.89	40.3	
5982	100 275	Washington	Albany A. G. C. 7920	0.11	11.8	
5983	100 275	Washington	B. B. VI 4927	13.70	13.7	
5984	100 359	Kremsm., Strasser	Arg-Weiss 17675	14.87	14.4	
5985	111 56, 100 359	Hamburg, Schrader	M <sub>2</sub> 12756	15.16	12.8	A. N. Epoche der Declin. Beob. 81.77.
5986	67 121	Berlin	Albany A. G. C. 7922	31.38	35.2	
5987	100 275	Washington	Schjellerup 9410	33.71	4.7	
5988	77 266	Leiden, Valentiner	Weisse, 1036, B. Z. 20	58.44	10.4	
5989	85 201	Leiden, E. Bakhuyzen	Cordoba G. C. 31219	58.50	14.2	Siehe Noten.
5990	112 364	Ougrée, de Ball	.....	.....	.....	Siehe Noten.
5991	111 56, 101 201	Hamburg, Schrader	B. D. — 15° 6309	15.9	19' 4	A. N. Epoche der Declin. Beob. 81.43.
5992	98 371	Pola, J. Palisa	B. D. — 6° 6107	21.1	32.5	
5993	91 259	Königsberg, Franz	Weisse, 1047, B. Z. 127	33.30	58" 3	A. N. Epoche der Declin. Beob. 77.78.
5994	92 172	Berlin, Becker	Cordoba G. C. 31230	33.25	58.3	
5995	94 223	Königsberg, Franz	Pulkowa Cat. 1875.0 5292	33.22	0.0	
5996	95 33	Leiden, E. Bakhuyzen [u. Kapteyn]	Melbourne Cat. II 1125	33.24	59.4	A. N. Epoche der Declin. Beob. 77.70.
5997	81 366	Leipzig, Engelmann	Greenw. 9 Y. Cat. 2159	33.26	0.1	A. N. Epoche der Declin. Beob. 72.82.
5998	69 78	Berlin, Romberg	Schjellerup 9422	48.18	44.0	Bonn A. G. C. 17275, 35 <sup>s</sup> .23, 0 <sup>n</sup> .1; 5 <sup>m</sup> .3.
5999	82 277, 84 182	Leipzig, Engelmann	Cordoba G. C. 31236	49.27	46.8	
6000	100 275	Washington	Albany A. G. C. 7930	24.29	0.3	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
6001	— 3°5543	9.3	9.5	10	73.86	73.0	22h 52m 48s 44	2	+ 3s 0921	— 0s 0032	+ 0s 009	— 2° 56' 19" 1	2	19" 198	+ 0" 122	— 0" 17
6002	+ 6 5093	9.3	....	9	80.7	80.0	52 54.17	3	3.0307	+ 0.0013	+ 0.009	+ 6 8 46.7	3	19.201	0.119	— 0.15
6003	— 13 6318	6.5	6	6.5	77.73	77.0	53 0.56	4	3.1664	— 0.0091	+ 0.009	— 13 44 25.2	5	19.204	0.125	— 0.18
6004	» »	»	....	5.8	77.76	77.0	0.59	6	»	»	»	24.1	5	»	»	»
6005	» »	»	6	6.6	77.67	77.0	0.66	7	»	»	»	24.9	6	»	»	»
6006	— 0 4441	8.8	....	8.8	80.7	80.0	53 11.74	3	3.0741	— 0.0018	+ 0.009	— 0 16 30.0	3	19.208	0.121	— 0.16
6007	— 6 6116	8.9	....	8.7	80.82	80.0	53 16.68	2	3.1157	— 0.0050	+ 0.009	— 6 27 59.4	2	19.210	0.123	— 0.17
6008	— 3 5545	7.8	....	8	73.68	70.0	53 22.71	2	3.0931	— 0.0033	+ 0.009	— 3 6 36.3	2	19.213	0.121	— 0.17
6009	— 11 5972	8.5	9	9	67.97	67.0	53 34.83	1	3.1509	— 0.0079	+ 0.009	— 11 38 3.1	1	19.218	0.123	— 0.17
6010	— 3 5549	9.2	....	9	73.66	70.0	53 46.58	2	3.0919	— 0.0031	+ 0.009	— 2 57 0.6	2	19.223	0.120	— 0.17
6011	— 2 5863	9.0	....	9	73.64	70.0	54 9.81	2	3.0913	— 0.0031	+ 0.009	— 2 53 2.6	2	19.232	0.120	— 0.17
6012	» »	»	8.9	10	73.7	73.0	9.88	2	»	»	»	4.8	2	»	»	»
6013	— 0 4443	6.8	7	6.4	65.97	65.0	54 13.35	2	3.0754	— 0.0019	+ 0.009	— 0 29 5.6	2	19.234	0.119	— 0.16
6014	— 10 6038	7.6	....	8.5	69.73	65.0	54 36.20	2	3.1401	— 0.0070	+ 0.009	— 10 13 16.1	2	19.243	0.121	— 0.17
6015	+ 35 4942	...	....	...	...	76.0	55 1.08	1	2.8087	+ 0.0152	+ 0.014	+ 35 10 1.3	1	19.253	0.107	— 0.15
6016	+ 3 4814	7.0	....	...	74.82	85.0	55 17.75	1	3.0476	+ 0.0003	+ 0.009	+ 3 47 35.9	1	19.260	0.115	— 0.16
6017	— 3 5553	7.8	....	7.8	70.65	70.0	55 28.91	2	3.0940	— 0.0033	+ 0.009	— 3 21 26.1	2	19.265	0.117	— 0.17
6018	— 14 6394	9.2	....	...	...	80.0	55 58.03	..	3.1677	— 0.0095	+ 0.010	— 14 31 34.2	..	19.277	0.119	— 0.15
6019	— 12 6404	8.0	....	8.9	77.76	77.0	55 59.24	6	3.1501	— 0.0080	+ 0.009	— 11 56 12.5	6	19.277	0.119	— 0.17
6020	» »	»	8½	7½	78.76	78.0	59.25	10	»	»	»	....	..	»	»	»
6021	» »	»	8	8.0	77.92	77.0	59.28	3	»	»	»	13.8	3	»	»	»
6022	» »	»	7.7	8.0	77.90	77.0	59.34	2	»	»	»	13.9	2	»	»	»
6023	» »	»	8.1	8	67.66	77.0	59.42	2	»	»	»	11.7	2	»	»	»
6024	— 14 6395	8.9	8.9	...	80.7	88.0	56 8.34	5	3.1640	— 0.0092	+ 0.010	— 14 0 14.7	2	19.281	0.119	— 0.18
6025	— 1 4381	8.8	....	8.8	80.7	80.0	56 26.75	3	3.0785	— 0.0020	+ 0.009	— 0 58 47.0	3	19.288	0.115	— 0.16
6026	+ 1 4674	9.0	....	...	76.7	76.0	56 32.66	1	3.0623	— 0.0007	+ 0.009	+ 1 33 9.4	1	19.291	0.114	— 0.16
6027	— 12 6409	9.4	....	9.4	69.65	70.0	56 41.26	2	3.1519	— 0.0082	+ 0.009	— 12 19 33.4	2	19.294	0.117	— 0.17
6028	+ 4 4952	8.3	9	...	84.7	84.0	56 46.18	..	3.0451	+ 0.0006	+ 0.009	+ 4 16 5.2	..	19.296	0.113	— 0.15
6029	— 3 5559	9.0	....	9	84.8	84.0	57 7.68	..	3.0927	— 0.0031	+ 0.009	— 3 13 52.0	..	19.304	0.114	— 0.17
6030	— 16 6201	9.1	....	9.4	...	77.0	57 40.54	..	3.1799	— 0.0107	+ 0.010	— 16 40 52.6	..	19.317	0.116	— 0.18
6031	— 6 6139	8.7	....	8	65.8	65.0	57 44.14	4	3.1128	— 0.0048	+ 0.009	— 6 26 49.6	4	19.319	0.114	— 0.17
6032	— 7 5925	8.0	....	8	64.58	65.0	57 53.71	1	3.1185	— 0.0053	+ 0.009	— 7 21 42.7	1	19.322	0.113	— 0.17
6033	— 12 6413	8.5	8	8½	77.82	77.0	57 56.59	3	3.1538	— 0.0084	+ 0.009	— 12 51 7.3	3	19.324	0.115	— 0.18
6034	» »	»	....	...	77.74	77.0	56.63	6	»	»	»	6.9	5	»	»	»
6035	» »	»	8	8.5	77.95	77.0	56.70	2	»	»	»	7.0	2	»	»	»
6036	— 5 5921	8.7	....	10	80.83	80.0	58 18.88	3	3.1086	— 0.0045	+ 0.009	— 5 50 10.3	3	19.332	0.112	— 0.17
6037	— 10 6052	8.8	....	9	69.8	70.0	58 30.20	2	3.1364	— 0.0069	+ 0.009	— 10 15 28.1	2	19.337	0.113	— 0.17
6038	— 12 6419	9.2	10.3	...	67.66	67.0	58 57.11	1	3.1476	— 0.0079	+ 0.009	— 12 5 45.7	1	19.547	0.112	— 0.17
6039	— 11 5996	8.0	....	...	67.7	67.0	59 17.38	3	3.1439	— 0.0076	+ 0.009	— 11 33 50.1	3	19.355	0.112	— 0.17
6040	— 11 5997	7.3	8	7.0	77.89	77.0	59 21.52	2	3.1408	— 0.0073	+ 0.009	— 11 6 43.2	2	19.356	0.111	— 0.17



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
6001	88 136 u. 190	Wien, Holetschek	M <sub>2</sub> 12776	48.87	23.1	E. B. nach Pulk. Cat. — 0 <sup>s</sup> .0025 + 0 <sup>u</sup> .009. Epoche der Declin. Beob. 77.79.  Epoche der Declin. Beob. 77.67.
6002	100 275	Washington	Schjellerup 3430	54.06	45.8	
6003	92 172	Berlin, Becker	Pulkowa Cat. 1875.0 5303	0.73	25.8	
6004	91 259	Königsberg, Franz	B. B. VI S. 324	0.58	23.0	
6005	95 35	Leiden, E. Bakh. u. [Kapteyn]	Cordoba G. C. 31254	0.64	24.2	
6006	100 275	Washington	Göttingen Cat. I 6341-2	11.72	31.9	
6007	111 56, 101 203	Hamburg, Schrader	Schjellerup 9440	16.58	58.2	
6008	84 237	Berlin, Knorre	Cordoba G. C. 31260	22.67	35.3	
6009	71 176	Leipzig, Engelmann	Santini, 2584	34.48	5.4	
6010	84 237	Berlin, Knorre	Weisse, 1100, B. Z. 112	46.86	3.3	
6011	84 237	Berlin, Knorre	Weisse, 1110, B. Z. 112	9.75	2.2	E. B. nach Albany Cat. + 0 <sup>s</sup> .0011 — 0 <sup>u</sup> .113.
6012	82 277, 88 189, 84 182	Leipzig, Engelmann	M <sub>1</sub> 31879	9.70	57.7	
6013	69 78, 67 120	Berlin, Romberg	Cordoba G. C. 31284	13.31	5.4	
6014	81 75	Berlin	Schjellerup 9447	36.03	14.7	
6015	89 265	Marseille, Stéphan	Leiden A. G. Z. 231, 344	1.34	58.8	
6016	112 63	Paris	Albany A. G. C. 7946	17.78	36.3	
6017	77 266	Leiden, Valentiner	Karlsruhe Beob. Heft II	28.91	26.2	
6018	101 201	Hamburg	B. D. — 14° 6394 [p. 106]	57.6	31.4	
6019	91 260	Königsberg, Franz	Weisse, 1156, B. Z. 127 u. 129	59.79	11.5	
6020	94 223	Königsberg, Franz	Cordoba G. C. 31313	59.27	12.7	
6021	92 172	Berlin, Becker	Yarnall 10419	59.26	12.5	Epoche der Declin. Beob. 77.91. A. N. A. R. um + 1 <sup>m</sup> corrigirt nach Publ. XVIII A.G.
6022	95 35	Leiden, E. Bakh. u. [Kapteyn]	Pulkowa Cat. 1875.0 5321	59.28	14.2	
6023	70 243	Leipzig, Engelmann	Brüssel Cat. 10315	59.30	13.1	
6024	100 246	Königsberg, Rahts	B. D. — 14° 6395	7.1	0.5	
6025	100 275	Washington	Göttingen Cat. I 6360-1	26.40	49.6	
6026	89 265	Marseille, Stéphan	Albany A. G. C. 7953	32.97	7.4	
6027	81 75	Berlin	B. B. VI S. 334	41.06	32.2	
6028	111 29	Cordoba	Albany A. G. C. 7954	46.08	5.4	
6029	112 364	Ougrée, de Ball	Lalande-Bossert 3829	7.92	54.8	
6030	94 295	Kremsmünster	M <sub>2</sub> 12818	40.34	57.4	
6031	69 363	Königsberg, Sievers	Weisse, 1196, B. Z. 122	43.88	48.9	Santini, — 6° 433: 43 <sup>s</sup> .61, 46 <sup>u</sup> .8; 8 <sup>m</sup> .  Epoche der Declin. Beob. 77.76.
6032	69 78	Berlin, Romberg	Schjellerup 9475	53.55	42.3	
6033	92 172	Berlin, Becker	Cordoba G. C. 31356	56.63	6.3	
6034	91 260	Königsberg, Franz	Schjellerup 9476	56.60	5.4	
6035	95 35	Leiden, E. Bakh. u. [Kapteyn]	Pulkowa Cat. 1875.0 5335	56.72	7.8	
6036	111 56, 101 203	Hamburg, Schrader	M <sub>1</sub> 31978	18.99	12.1	
6037	76 53	Königsberg, Lorek	Santini, 2593	30.12	24.5	
6038	71 176	Leipzig, Engelmann	Wash. Obs. 1882 Nr. 727	57.07	50.0	
6039	74 247	Königsberg, Lorek	Göttingen Cat. II 6501	17.15	50.4	
6040	92 172	Berlin, Becker	Yarnall 10454	21.61	41.9	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R.			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL.			
		NACH			DER				1875.0					1875.0			
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
					1800	+											
6041	— 11° 5997	7.3	7.5	7½	77.79	77.0	22 <sup>h</sup> 59 <sup>m</sup> 21 <sup>s</sup> 64	3	+ 3 <sup>s</sup> 1408	— 0 <sup>s</sup> 0073	+ 0 <sup>s</sup> 0009	— 11° 6' 42" 6	3	19" 356	+ 0" 111	— 0" 17	
6042	» »	»	....	7.3	77.74	77.0	21.66	6	»	»	»	40.1	4	»	»	»	
6043	— 3 5565	9.7	10.0	...	73.86	73.0	59 24.23	1	3.0952	— 0 0033	+ 0.009	— 3 45 ....	..	19.357	0.108	— 0.17	
6044	+ 8 4992	9.2	....	9	80.87	80.0	59 32.29	3	3.0197	+ 0.0028	+ 0.009	+ 8 34 4.4	3	19.360	0.107	— 0.15	
6045	— 2 5883	9.1	9.2	9	73.7	73.0	59 33.31	2	3.0891	— 0.0028	+ 0.009	— 2 45 41.1	2	19.361	0.109	— 0.17	
6046	» »	»	9.5	...	....	73.0	33.34	1	»	»	»	41.6	1	»	»	»	
6047	— 10 6056	9.0	9.5	9	81.87	81.0	59 38.72	5	3.1340	— 0.0067	+ 0.009	— 10 3 41.5	4	19.363	0.111	— 0.17	
6048	— 9 6118	8.3	....	8.6	67.7	67.0	23 0 4.23	4	3.1289	— 0.0063	+ 0.009	— 9 18 57.8	4	19.372	0.110	— 0.17	
6049	» »	»	....	7-8	69.8	70.0	4.26	3	»	»	»	57.8	3	»	»	»	
6050	— 16 6210	9.2	....	...	76.79	76.0	0 11.41	2	3.1732	— 0.0104	+ 0.010	— 16 18 19.2	2	19.375	0.111	— 0.15	
6051	— 16 6211	9.1	....	...	76.77	76.0	0 14.74	2	3.1730	— 0.0104	+ 0.010	— 16 17 18.7	2	19.376	0.111	— 0.15	
6052	— 13 6344	8.3	8½	...	78.77	78.0	0 25.28	13	3.1541	— 0.0086	+ 0.010	— 13 24 ....	..	19.380	0.110	— 0.15	
6053	» »	»	8	8½	77.72	77.0	25.28	1	»	»	»	7.2	1	»	»	»	
6054	» »	»	....	8	77.79	77.0	25.31	5	»	»	»	5.9	5	»	»	»	
6055	+ 2 4608	9.5	9½	9.3	84.7	84.0	0 31.56	..	3.0581	— 0.0001	+ 0.009	+ 2 21 36.4	..	19.383	0.106	— 0.15	
6056	+ 2 4609	9.5	8	7.1	84.7	84.0	0 40.27	..	3.0580	— 0.0001	+ 0.009	+ 2 22 35.5	..	19.386	0.106	— 0.15	
6057	— 9 6123	8.0	....	7.5	67.7	67.0	0 46.30	1	3.1294	— 0.0063	+ 0.009	— 9 29 26.0	1	19.388	0.108	— 0.17	
6058	» »	»	....	8	69.8	70.0	46.38	3	»	»	»	24.0	3	»	»	»	
6059	— 12 6426	7.8	8	...	77.92	77.0	0 51.63	3	3.1478	— 0.0080	+ 0.009	— 12 28 54.7	3	19.390	0.109	— 0.17	
6060	» »	»	....	8	77.85	77.0	51.64	3	»	»	»	53.5	3	»	»	»	
6061	» »	»	7.5	7½	77.95	77.0	51.65	4	»	»	»	53.7	4	»	»	»	
6062	— 6 6147	8.7	8.5	8.5	75.87	80.0	1 22.36	1	3.1100	— 0.0046	+ 0.009	— 6 22 24.1	1	19.402	0.106	— 0.17	
6063	— 4 5828	9.4	9	...	74.83	70.0	1 34.26	2	3.0966	— 0.0034	+ 0.009	— 4 7 42.8	2	19.406	0.106	— 0.17	
6064	— 2 5890	9.3	9.3	...	83.96	80.0	1 49.91	1	3.0850	— 0.0024	+ 0.009	— 2 10 11.6	1	19.411	0.105	— 0.15	
6065	+ 0 4968	9.5	9.5	...	68.8	68.0	2 3.18	2	3.0690	— 0.0010	+ 0.009	+ 0 33 0.9	2	19.417	0.104	— 0.16	
6066	— 5 5935	8.9	....	9.0	65.8	65.0	2 11.50	3	3.1041	— 0.0041	+ 0.009	— 5 27 18.8	3	19.420	0.105	— 0.17	
6067	— 9 6131	8.9	8.7	8.7	73.68	73.0	2 18.87	1	3.1279	— 0.0063	+ 0.009	— 9 29 3.9	1	19.422	0.105	— 0.17	
6068	— 3 5574	9.3	....	9.2	84.8	84.0	2 31.61	..	3.0925	— 0.0030	+ 0.009	— 3 29 57.2	..	19.427	0.104	— 0.17	
6069	— 3 5577	8.2	8.5	8-9	73.75	73.0	2 39.48	2	3.0892	— 0.0027	+ 0.009	— 2 56 2.0	2	19.430	0.103	— 0.17	
6070	— 4 5833	8.5	....	8-9	80.82	80.0	3 9.80	3	3.0989	— 0.0036	+ 0.009	— 4 38 22.5	3	19.441	0.103	— 0.17	
6071	» »	»	....	9	80.8	80.0	9.96	..	»	»	»	25.3	..	»	»	»	
6072	+ 0 4970	9.3	....	9	68.9	68.0	3 14.39	2	3.0672	— 0.0007	+ 0.009	+ 0 52 35.6	2	19.442	0.101	— 0.15	
6073	— 8 6037	8.8	9	9	67.77	65.0	3 37.03	2	3.1223	— 0.0058	+ 0.009	— 8 44 45.1	2	19.450	0.103	— 0.17	
6074	— 0 4473	9.4	9	...	65.94	65.0	3 41.72	1	3.0728	— 0.0012	+ 0.009	— 0 5 24.9	1	19.452	0.101	— 0.17	
6075	+ 9 5170	5.5	....	5.5	80.95	80.0	3 43.85	2	3.0199	+ 0.0034	+ 0.009	+ 9 8 41.8	2	19.453	0.099	— 0.15	
6076	— 6 6157	7.0	8	8	75.77	80.0	4 11.19	2	3.1098	— 0.0046	+ 0.009	— 6 38 17.5	2	19.462	0.101	— 0.17	
6077	+ 34 4854	8.7	....	...	65.99	65.0	4 14.16	1	2.8464	+ 0.0163	+ 0.014	+ 35 2 9.8	1	19.464	0.092	— 0.17	
6078	— 4 5837	8.9	....	9	80.86	....	4 21.85	3	3.0958	— 0.0033	+ 0.009	— 4 11 32.8	3	19.466	0.100	— 0.17	
6079	» »	»	8.9	8.7	80.8	....	21.89	1	»	»	»	31.6	1	»	»	»	
6080	+ 34 4858	9.4	....	...	....	76.0	4 52.24	1	2.5861	+ 0.0159	+ 0.014	+ 34 9 26.0	1	19.477	0.091	— 0.15	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
5041	95 35	Leiden, E. Bakh. u. [Kapteyn]	Cordoba G. C. 31374	21.61	41"4	Epoche der Declin. Beob. 77.76. Bloss A. R. beob. Decl. um +3' corr. cf. A. N. 86 384.
5042	91 260	Königsberg, Franz	Pulkowa Cat. 1875.0 5342	21.65	42.8	
5043	88 136	Wien, Holetschek	B. D. — 3° 5565	25.0	45'9	
5044	111 56	Hamburg, Schrader	Weisse, 1238, B. Z. 120	32.63	2"8	
5045	82 277, 84 182	Leipzig, Engelmann	Weisse, 1237, B. Z. 112	33.21	43.8	
5046	88 136 u. 189	Wien, Holetschek	.....	.....	.....	A. N. 86 189. A. R. um 0.02 gröss., Decl. 6"o südl. Santini, 2595, 38.22, 45".5; 9m. Siehe Noten.
5047	102 299	Berlin, Leman	Weisse, 1240, B. Z. 186	38.88	52.7	
5048	74 247	Königsberg, Lorek	Schjellerup 9489-90	4.09	57.6	
5049	76 53	Königsberg, Lorek	Santini, 2599	51.63	54.9	
5050	94 285	Berlin, Tietjen	B. D. — 16° 6210	11.8	18' 1	
6051	94 311	Berlin, Tietjen	B. D. — 16° 6211	15.4	17.1	Starke Unterschiede der Grösse, siehe Noten.
6052	94 223	Königsberg, Franz	Pulkowa Cat. 1875.0 5345	25.30	8"3	
6053	92 172	Berlin, Becker	Cordoba G. C. 31397	25.30	6.0	
6054	91 260	Königsberg, Franz	Weisse, 1249, B. Z. 189	25.62	5.1	
6055	111 29	Cordoba	Albany A. G. C. 7975	31.54	37.5	
6056	111 29	Cordoba	Albany A. G. C. 7976	40.24	35.3	
6057	74 247	Königsberg, Lorek	Brüssel 10350	46.12	19.6	
6058	76 53	Königsberg, Lorek	Weisse, 1258, B. Z. 186	46.48	22.9	
6059	92 172	Berlin, Becker	Göttingen Cat. II 6511	51.59	55.6	
6060	91 260	Königsberg, Franz	Weisse, 1261, B. Z. 127 u. 129	51.84	53.3	
6061	95 35	Leiden, E. Bakh. u. [Kapteyn]	Cordoba G. C. 31406	51.69	54.4	A. N. Decl. um — 1' corr. Siehe Noten.
6062	88 27	Berlin, Becker	Schjellerup 9505	22.26	21.9	
6063	86 215	Berlin, Knorre	B. D. — 4° 5828	34.9	7'6	
6064	111 179, 108 375,	Berlin, Knorre	B. D. — 2° 5890	49.5	10.2	
6065	74 75	Washington	Harvard Zones 75 u. 76	3.01	59"3	
6066	69 363	Königsberg, Sievers	Yarnall 10470 [Nr. 23]	11.43	19.8	Σ 2981. A. N. gibt keine Component an. Struve vicina ad 2981
6067	84 182	Leipzig, Engelmann	Struve Pos. med. 2789	18.81	4.6	
6068	112 364	Ougrée, de Ball	Pulkowa Obs. Vol. VIII [p. 352 Nr. 1332]	31.48	52.5	
6069	82 277, 84 182	Leipzig, Engelmann	Weisse, 3, B. Z. 20 u. 112	37.39	57.6	
6070	111 56, 100 359, 101 203	Hamburg, Schrader	Weisse, 13, B. Z. 20, 105 [u. 122]	10.13	22.4	
6071	100 359	Kremsm., Strasser	M <sub>1</sub> 32085	10.13	22.2	A. N. Decl. um + 1" corr. cf. A. N. 78, 167. Harv. Z. [3 fehlt.]
6072	74 75	Washington	Harvard Zones 142 u. 156 [Nr. 81]	14.73	....	
6073	72 116	Berlin, Romberg	Weisse, 22, B. Z. 123. u. 186	36.98	48.4	
6074	69 78, 67 121	Berlin, Romberg	B. D. — 0° 4473	42.0	6' 1	
6075	111 56	Hamburg, Schrader	Yarnall 10484	43.73	40"1	
6076	88 27	Berlin, Becker	Schjellerup 9525	11.22	16.0	58 Pegasi Lund A. G. Z. 322, 521 u. 551, 14.30, 8"6; 8m.7.
6077	69 78, 67 120	Berlin, Romberg	Leiden A. G. Z. 126, 127	14.23	8.5	
6078	111 57	Hamburg, Schrader	M <sub>1</sub> 32110	22.07	32.4	
6079	98 371, 101 203	Pola, J. Palisa	Schjellerup 9526	21.85	30.9	
6080	89 265	Marseille, Stephan	B. D. + 34° 4858	49.9	9' 1	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800	+											
6081	— 3°5583	9.7	9.3	...	74.80	70.0	23 <sup>h</sup> 4 <sup>m</sup> 57 <sup>s</sup> 32	2	+ 3 <sup>s</sup> 0926	— 0 <sup>s</sup> 0030	+ 0 <sup>s</sup> 0009	— 3°40' 5"3	2	19"479	+ 0"099	— 0"17	
6082	— 11 6021	8.6	9	9	78.77	78.0	4 57.57	11	3.1351	— 0.0071	+ 0.0009	— 11 11 ....	..	19.479	0.100	— 0.17	
6083	» »	»	....	8.6	77.75	77.0	57.60	5	»	»	»	10.8	5	»	»	»	
6084	» »	»	9	9	77.72	77.0	57.64	2	»	»	»	12.0	2	»	»	»	
6085	» »	»	9.0	9.0	77.91	77.0	57.74	4	»	»	»	11.2	4	»	»	»	
6086	+ 29 4876	8.3	....	8-9	71.71	70.0	5 7.54	1	2.8902	+ 0.0137	+ 0.012	+ 29 51 58.2	1	19.482	0.092	— 0.14	
6087	— 3 5584	8.3	....	9	84.92	84.0	5 10.67	3	3.0932	— 0.0030	+ 0.0009	— 3 46 39.4	3	19.483	0.099	— 0.17	
6088	» »	»	....	9	.....	65.0	10.77	4	»	»	»	40.5	4	»	»	»	
6089	— 0 4476	8.5	....	8.5	68.8	68.0	5 20.68	1	3.0748	— 0.0013	+ 0.0009	— 0 27 19.0	1	19.487	0.098	— 0.16	
6090	— 12 6444	6.9	8	8.0	77.82	77.0	5 27.17	3	3.1428	— 0.0079	+ 0.010	— 12 36 41.5	3	19.489	0.010	— 0.18	
6091	» »	»	8.2	7	77.74	77.0	27.19	6	»	»	»	39.9	5	»	»	»	
6092	» »	»	....	6.9	77.97	77.0	27.29	1	»	»	»	40.4	1	»	»	»	
6093	+ 25 4895	8.4	....	...	63.75	65.0	6 17.96	2	2.9264	+ 0.0114	+ 0.011	+ 25 10 31.3	2	19.506	0.091	— 0.14	
6094	+ 0 4986	9.1	....	9	84.6	84.0	6 31.75	..	3.0701	— 0.0008	+ 0.0009	+ 0 23 25.0	..	19.511	0.095	— 0.16	
6095	+ 48 3964	5.0	....	5.0	72.81	72.0	6 49.52	3	2.7220	+ 0.0247	+ 0.022	+ 48 43 24.5	8	19.517	0.083	— 0.12	
6096	— 8 6054	8.2	....	9	71.92	72.0	6 53.08	1	3.1191	— 0.0056	+ 0.0009	— 8 40 24.6	1	19.518	0.096	— 0.17	
6097	» »	»	8	8.5	67.77	65.0	53.19	2	»	»	»	23.0	2	»	»	»	
6098	— 9 6147	8.8	....	9	.....	79.0	7 12.61	..	3.1232	— 0.0060	+ 0.0009	— 9 28 14.4	..	19.524	0.096	— 0.17	
6099	— 14 6424	6.8	7	7-8	77.96	77.0	7 15.22	2	3.1487	— 0.0086	+ 0.010	— 14 4 25.8	2	19.525	0.096	— 0.18	
6100	— 20 6557	7.0	....	7.1	73.73	70.0	7 30.07	2	3.1850	— 0.0126	+ 0.010	— 20 22 35.7	2	19.530	0.097	— 0.18	
6101	+ 34 4871	9.2	9.2	...	83.96	80.0	7 36.75	1	2.8641	+ 0.0164	+ 0.014	+ 34 29 25.1	1	19.533	0.086	— 0.13	
6102	— 3 5592	7.1	....	7½	65.8	65.0	7 40.71	5	3.0898	— 0.0027	+ 0.0009	— 3 18 51.1	5	19.534	0.094	— 0.17	
6103	— 6 6170	5.0	....	4.8	64.83	65.0	7 50.95	2	3.1078	— 0.0044	+ 0.0009	— 6 43 18.1	2	19.537	0.093	— 0.17	
6104	+ 0 4980	9.3	....	8.8	77.85	77.0	7 57.24	2	3.0694	— 0.0007	+ 0.0009	+ 0 32 44.4	2	19.539	0.091	— 0.16	
6105	— 6 6171	9.0	9.1	9	64.90	65.0	8 6.90	2	3.1080	— 0.0044	+ 0.0009	— 6 47 47.6	2	19.542	0.093	— 0.17	
6106	— 11 6032	6.3	7	6.3	77.77	77.0	8 9.12	2	3.1325	— 0.0071	+ 0.0009	— 11 22 5.6	2	19.543	0.094	— 0.17	
6107	» »	»	7	6.5	77.76	77.0	9.23	5	»	»	»	3.8	5	»	»	»	
6108	» »	»	7.5	7.0	67.96	67.0	9.26	2	»	»	»	4.6	2	»	»	»	
6109	— 22 6094	9.2	....	9	76.79	75.0	8 10.83	2	3.1984	— 0.0142	+ 0.011	— 22 49 24.0	2	19.544	0.096	— 0.18	
6110	— 22 6095	9.1	....	8½	76.80	75.0	8 18.01	2	3.1980	— 0.0142	+ 0.011	— 22 48 27.3	2	19.546	0.096	— 0.18	
6111	— 6 6173	9.1	9	9	75.77	80.0	8 26.16	2	3.1039	— 0.0041	+ 0.0009	— 6 3 11.9	2	19.549	0.093	— 0.17	
6112	+ 1 4699	8.8	8.8	...	68.8	68.0	8 42.41	2	3.0646	— 0.0002	+ 0.0009	+ 1 28 25.7	2	19.554	0.091	— 0.16	
6113	— 12 6453	7.7	7.8	7½	77.86	77.0	8 49.57	5	3.1365	— 0.0075	+ 0.010	— 12 14 45.1	5	19.556	0.093	— 0.17	
6114	» »	»	7.7	7-8	77.93	77.0	49.66	4	»	»	»	44.1	5	»	»	»	
6115	» »	»	....	7.7	77.83	77.0	49.67	4	»	»	»	43.6	4	»	»	»	
6116	+ 30 4909	8.5	....	...	65.99	65.0	9 1.65	2	2.8995	+ 0.0143	+ 0.012	+ 30 21 47.6	2	19.560	0.085	— 0.14	
6117	— 4 5852	5.3	....	5.4	80.80	80.0	9 7.88	4	3.0937	— 0.0030	+ 0.0009	— 4 10 40.6	4	19.562	0.091	— 0.17	
6118	— 6 6177	9.0	9	8-9	75.87	80.0	9 13.22	1	3.1051	— 0.0042	+ 0.0009	— 6 22 39.1	1	19.564	0.091	— 0.17	
6119	+ 0 4982	7.7	....	7.7	77.85	77.0	9 15.08	1	3 0690	— 0.0006	+ 0.0009	+ 0 37 42.9	1	19.565	0.090	— 0.16	
6120	— 9 6156	5.0	4.5	5.0	77.82	77.0	9 20.46	2	3.1227	— 0.0061	+ 0.0009	— 9 46 6.2	3	19.566	0.092	— 0.17	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
1081	86 215	Berlin, Knorre	B. D. — 3° 5583	57.7	40° 0	
1082	94 223	Königsberg, Franz	Weisse, 49, B. Z. 129	57.85	9° 1	
1083	91 261	Königsberg, Franz	Pulkowa Cat. 1875.0 5371	57.65	12.1	
1084	92 174	Berlin, Becker	Cordoba G.C. 31472	57.67	11.0	
1085	95 35	Leiden, E. Bakh. u.	Melbourne Cat. II 1140	57.63	11.3	
1086	81 75	Berlin [Kapteyn	Weisse, 60, B. Z. 374	7.57	58.4	
1087	111 233 u. 398	Washingt, Eastman	Weisse, 51, B. Z. 20	10.87	44.7	
1088	69 363	Königsberg, Sievers	.....	.....	.....	
1089	74 248	Königsberg, Lorek	Göttingen Cat. I 6389-90	20.95	18.6	
1090	92 174	Berlin, Becker	Armagh Cat. II 3139	27.19	42.7	A. N. erwähnt keine Duplicität.
1091	91 261	Königsberg, Franz	Cordoba G.C. 31477	27.14	39.5	Cordoba praec. Cordoba seq. 27 <sup>s</sup> .42, 41 <sup>''</sup> .0; 7 <sup>m</sup> . A. N. 91 263 bemerkt, die Mitte ist beobachtet. Σ 2988. A. N. erwähnt keine Duplicität.
1092	95 35	Leiden, E. Bakh. u.	Pulk. Cat. 1875.0 5372 (med.)	27.33	41.5	
1093	69 78	Berlin, Romberg	Kam 4675	17.38	31.3	
1094	111 29	Cordoba	Harvard Z. 20-21 Nr. 123	32.03	27.6	Berlin A. G. C. B. 8883, 17 <sup>s</sup> .27, 29 <sup>''</sup> .7; 8 <sup>m</sup> .4.
1095	81 366	Leipzig, Engelmann	Pulkowa Cat. 1875.0 5377	49 67	24.8	Bonn A. G. C. 17542, 49 <sup>s</sup> .68, 24 <sup>''</sup> .5; 5 <sup>m</sup> .3. E. B. + 0 <sup>s</sup> .0093 + 0 <sup>''</sup> .091 nach Bonn.
1096	82 14	Neuenburg, Becker	M, 32153	53.58	27.9	
1097	72 116	Berlin, Romberg	Schjellerup 9553	52.92	22.2	
1098	97 331	Kremsmünster	Weisse, 93, B. Z. 186	12.72	26.7	Siehe Noten.
1099	92 174	Berlin, Becker	Santini, 2168	15.17	25.0	
1100	84 237	Berlin, Knorre	Yarnall 10510	30.08	34.4	
1101	111 179 u. 221	Berlin, Knorre	Leiden A. G. Z. 126, 127	36.84	26.8	
1102	69 363	Königsberg, Sievers	Cordoba G.C. 31513	40.47	51.4	
1103	69 78	Berlin, Romberg	Pulkowa Cat. 1875.0 5388	50.87	21.7	E. B. Pulk. + 0 <sup>s</sup> .0027 — 0 <sup>''</sup> .187 + 0 <sup>s</sup> .001 — 0 <sup>''</sup> .21 Porter Pr. M. 1290
1104	94 295 u. 311	Berlin, Tietjen	Schjellerup 9563-4	57.12	45.5	
1105	69 78	Berlin, Romberg	Brüssel 10416	6.67	48.7	
1106	92 174	Berlin, Becker	Pulkowa Cat. 1875.0 5390	9.25	5.3	
1107	91 261	Königsberg, Franz	Cordoba G. C. 31528	9.22	4.6	Epoche der Declin. Beob. 77.79.
1108	71 176	Leipzig, Engelmann	Armagh Cat. II 3145	9.29	6.4	
1109	94 311	Berlin, Tietjen	Cordoba Z. C. 222	10.71	22.7	
1110	94 311	Berlin, Tietjen	Cordoba Z. C. 226	17.71	22.4	
1111	88 27	Berlin, Becker	Schjellerup 9566	26.19	12.6	
1112	74 75	Washington	Albany A. G. C. 8027	42.47	26.9	A. N. Declin. um + 1 <sup>''</sup> corrigirt. cf. A. N. 78 1290
1113	92 174	Berlin, Becker	Cordoba G. C. 31535	49.61	44.4	
1114	95 35	Leiden, E. Bakh. u.	Lalande 45504	49.64	38.1	
1115	91 261	Königsberg, Franz	Pulkowa Cat. 1875.0 5392	49.68	44.2	Epoche der Declin. Beob. 77.79.
1116	69 78, 67 10	Berlin, Romberg	Leiden A. G. Z. 101, 104	1.47	46.1	
1117	111 57	Hamburg, Schrader	Cordoba G. C. 31540	7.88	38.6	
1118	88 27	Berlin, Becker	Weisse, 142, B. Z. 105	13.31	40.6	
1119	94 295, 78 356	Berlin, Tietjen	Pulkowa Obs. Vol. VIII [p. 352 Nr. 1340]	14.86	43.5	
1120	92 174	Berlin, Becker	Pulkowa Cat. 1875.0 5396	20.44	6.8	Duplex seq. E. B. + 0 <sup>s</sup> .0237 — 0 <sup>''</sup> .005 nach Pulk.

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHÉ DER		MITTLERE A.R. 1875.0	ZAHLE DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHLE DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. sacc.	3. Glied.			Var. annua.	Var. sacc.	3. Glied.
6121	— 9°6156	4.1	4.5	4.1	77.75	77.0	28h 9m 20s55	2	+ 3s 1227	—0s0061	+0s0009	— 9°46' 6"3	2	+ 19"566	+0"092	— 0"17
6122	" "	"	4½	4.5	78.77	78.0	20.56	15	"	"	"	....	"	"	"	"
6123	" "	"	....	5.5	77.78	77.0	20.57	5	"	"	"	5.5	3	"	"	"
6124	— 1 4411	9.3	9	10	75.76	80.0	9 25.81	1	3.0798	—0.0016	+0.0009	— 1 29 11.5	1	19.568	0.090	— 0.17
6125	+ 23 4709	8.0	....	7.9	....	76.0	9 32.19	1	2.9438	+0.0109	+0.0111	+23 44 33.9	1	19.570	0.085	— 0.14
6126	— 3 5600	9.0	9	...	80.8	80.0	9 46.31	2	3.0917	—0.0028	+0.0009	— 3 49 15.9	1	19.574	0.090	— 0.17
6127	" "	"	....	...	....	80.0	46.49	3	"	"	"	26.7	3	"	"	"
6128	— 1 4412	8.8	9	8.8	84.6	84.0	10 8.41	..	3.0793	—0.0016	+0.0009	— 1 24 52.0	..	19.581	0.089	— 0.17
6129	— 6 6178	9.0	9.1	9	64.90	65.0	10 10.65	2	3.1059	—0.0043	+0.0009	— 6 39 18.9	2	19.582	0.089	— 0.17
6130	— 19 6429	7.0	7.0	7.5	73.79	73.0	10 22.83	1	3.1743	—0.0119	+0.0111	—19 33 20.9	1	19.586	0.092	— 0.18
6131	— 22 6103	9.7	....	...	76.82	75.0	10 24.50	2	3.1895	—0.0137	+0.0111	—22 13 2.2	2	19.587	0.092	— 0.18
6132	+ 26 4590	8.0	....	8	63.74	65.0	10 43.31	1	2.9268	+0.0127	+0.0112	+27 0 36.2	1	19.592	0.083	— 0.14
6133	— 5 5961	7.8	....	8	65.65	65.0	10 48.30	2	3.0977	—0.0035	+0.0009	— 5 7 0.1	2	19.594	0.088	— 0.17
6134	— 3 5603	9.5	10	...	80.8	80.0	10 48.81	1	3.0870	—0.0023	+0.0009	— 2 57 20.0	1	19.594	0.087	— 0.17
6135	+ 29 4893	7.8	....	8-9	71.70	70.0	10 53.14	1	2.9101	+0.0141	+0.0113	+29 41 32.6	1	19.595	0.082	— 0.14
6136	— 12 6461	6.3	7	6.6	77.86	77.0	11 8.45	4	3.1344	—0.0075	+0.0100	—12 23 44.2	4	19.600	0.088	— 0.17
6137	" "	"	....	7.0	77.73	77.0	8.55	5	"	"	"	42.3	4	"	"	"
6138	" "	"	6.2	6.3	77.95	77.0	8.55	2	"	"	"	43.3	2	"	"	"
6139	— 9 6159	8.9	....	9	....	79.0	11 14.90	..	3.1171	—0.0056	+0.0100	— 9 1 56.4	..	19.602	0.088	— 0.17
6140	— 8 6082	8.2	....	8.2	78.87	78.0	11 18.84	2	3.1130	—0.0051	+0.0009	— 8 13 30.5	2	19.603	0.087	— 0.17
6141	— 6 6185	8.9	8.2	8.3	74.88	70.0	11 28.05	2	3.1028	—0.0040	+0.0009	— 6 11 58.3	2	19.606	0.087	— 0.17
6142	" "	"	....	9	64.92	65.0	28.14	2	"	"	"	57.3	2	"	"	"
6143	— 2 5923	8.4	....	8-9	65.8	....	11 51.34	6	3.0847	—0.0021	+0.0009	— 2 33 9.2	6	19.613	0.085	— 0.17
6144	— 19 6433	7.0	7.0	7½	73.79	73.0	11 53.85	1	3.1710	—0.0118	+0.0111	—19 31 31.7	1	19.614	0.088	— 0.18
6145	— 8 6085	8.3	....	8	78.78	78.0	11 54.08	3	3.1120	—0.0050	+0.0009	— 8 7 8.3	3	19.614	0.086	— 0.17
6146	— 6 6137	8.9	8	8.0	74.93	70.0	12 16.69	2	3.1028	—0.0040	+0.0009	— 6 18 41.8	2	19.621	0.085	— 0.17
6147	— 10 6094	5.7	5.6	4.8	77.85	77.0	12 27.44	3	3.1222	—0.0062	+0.0100	—10 17 38.0	3	19.624	0.085	— 0.17
6148	" "	"	....	5.1	77.78	77.0	27.50	3	"	"	"	35.3	4	"	"	"
6149	" "	"	5.3	5.7	77.87	77.0	27.53	1	"	"	"	37.0	1	"	"	"
6150	— 12 6468	7.2	8	7.2	77.86	77.0	12 30.72	3	3.1350	—0.0077	+0.0100	—12 51 13.5	3	19.625	0.086	— 0.17
6151	" "	"	....	5.7	77.76	77.0	30.76	4	"	"	"	13.3	3	"	"	"
6152	" "	"	7.5	7½	77.94	77.0	30.80	4	"	"	"	13.1	..	"	"	"
6153	— 14 6448	5.3	6	5.7	78.76	78.0	12 32.15	13	3.1415	—0.0084	+0.0100	—14 8 21..	..	19.626	0.086	— 0.18
6154	— 3 5614	9.1	....	9	74.8	74.0	12 37.31	4	3.0880	+0.0009	+0.0009	— 3 18 14.5	4	19.627	0.084	— 0.17
6155	+ 1 4706	9.5	....	...	72.71	70.0	12 38.39	2	3.0663	—0.0001	+0.0009	+ 1 14 43.0	2	19.627	0.083	— 0.17
6156	+ 0 4988	9.4	....	...	72.73	70.0	12 59.32	1	3.0674	—0.0002	+0.0009	+ 1 1 28.9	1	19.634	0.083	— 0.18
6157	— 3 5619	9.0	....	8-9	76.7	76.0	13 26.56	1	3.0900	—0.0026	+0.0009	— 3 46 12.3	1	19.642	0.083	— 0.17
6158	" "	"	8.9	...	77.34	75.0	26.69	2	"	"	"	12.4	2	"	"	"
6159	— 1 4417	9.0	9	9.0	75.78	80.0	13 27.76	2	3.0776	—0.0013	+0.0009	— 1 8 31.1	2	19.642	0.082	— 0.17
6160	+ 1 4710	8.8	....	8.9	72.73	70.0	13 39.82	1	3.0657	+0.0001	+0.0009	+ 1 23 58.8	1	19.646	0.081	— 0.18

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
6121	95 37	Leiden, E. Bakhuyzen	Córdoba G. C. 31545	20 <sup>s</sup> 58	6" 1	Epoche der Declin. Beob. 77.75. Ψ <sup>1</sup> Aquarii E. B. { $\begin{matrix} +0^s.0237 & -0''.005 \\ +0.024 & -0.03 \end{matrix}$ n. Greenw. Cat. Porter P.M. 1291
6122	94 223	Königsberg, Franz	Greenw. 10 Years C. 3901	20.61	7.5	
6123	91 261	Königsberg, Franz	Yarnall 10531	19.89	5.4	
6124	88 27	Berlin, Becker	M <sub>2</sub> 12903	25.43	11.2	Berlin A. G. C. B. 8903, 32 <sup>s</sup> .28, 32" 1; 7 <sup>m</sup> .7. Der Unterschied der Declinationen in Hamburg und Pola bestimmt ist 10" 8, B.D. stimmt besser mit Hamb.
6125	89 265	Marseille, Stéphan	Pulkowa Cat. 1875.0 5397	32.34	33.6	
6126	98 371	Pola, J. Palisa	B. D. — 3° 5600	46.3	49' 7	
6127	111 57	Hamburg, Schrader	.....	.....	.....	Córdoba
6128	111 29	Cordoba	Göttingen Cat. I 6406-7	8.16	51" 6	
6129	69 78	Berlin, Romberg	Schjellerup 9579	10.56	20.3	
6130	88 316	Wien, Holetschek	Cincinnati Zones 3915	22.67	15.6	Berlin, Tietjen
6131	94 311	Berlin, Tietjen	A.N. 88 43 Mikr. Anschl.	24.06	57.1	
6132	69 78	Berlin, Romberg	Weisse, 189, B. Z. 321	43.32	32.9	
6133	67 27	Leiden, v. Hennekeler	Schjellerup 9586	48.31	59.2	Pola, J. Palisa
6134	98 371	Pola, J. Palisa	B. D. — 3° 5603	49.4	57' 5	
6135	81 75	Berlin	Weisse, 194, B. Z. 374	53.29	35" 4	
6136	92 174	Berlin, Becker	Cordoba G. C. 31577	8.48	43.1	Königsberg, Franz
6137	91 261	Königsberg, Franz	Armagh Cat. II 3151	8.37	45.2	
6138	95 37	Leiden, E. Bakhuyzen	Pulkowa Cat. 1875.0 5406	8.59	44.0	
6139	97 331	Kremsmünster	Weisse, 189, B. Z. 186	15.10	58.3	Kremsmünster
6140	94 285	Kremsmünster	Küstner 641	18.63	30.2	
6141	86 215	Berlin, Knorre	Yarnall 10553	28.06	.....	
6142	69 78	Berlin, Romberg	Rümker 10980	27.99	53 8	Königsberg, Sievers
6143	69 363	Königsberg, Sievers	Trettenero 1339	51.09	10.8	
6144	88 136 u. 189	Wien, Holetschek	Cordoba G. C. 31589	54.07	29.4	
6145	94 285	Kremsmünster	M <sub>1</sub> 32257	54.42	7.3	Berlin, Knorre
6146	86 215	Berlin, Knorre	Yarnall 10558	16.67	41.6	
6147	92 174	Berlin, Becker	Cordoba G. C. 31601	27.52	36.8	
6148	91 261	Königsberg, Franz	Greenw. 10 Years C. 3911	27.46	38.3	Leiden, E. Bakhuyzen
6149	95 37	Leiden, E. Bakhuyzen	Pulkowa Cat. 1875.0 5414	27.57	38.8	
6150	92 174	Berlin, Becker	Greenw. 10 Years C. 3911	30.79	14.1	
6151	91 261	Königsberg, Franz	Pulkowa Cat. 1875.0 5416	30.85	14.1	Epoche der Declin. Beob. 77.80. Siehe Noten.
6152	95 37	Leiden, E. Bakhuyzen	Cordoba G. C. 31603	30.77	12.8	
6153	94 223	Königsberg, Franz	Pulkowa Cat. 1875.0 5418	32.20	19.9	
6154	85 296, 105 383	Wien	M <sub>1</sub> 32269	37.49	20.1	E. B. { nach Pulkowa $\begin{matrix} +0^s.0184 & -0''.094. \\ & +0.019 & -0.12 \end{matrix}$ Porter P. M. 1297
6155	81 75	Berlin	B. D. + 1° 4706	37.5	15' 3	
6156	81 75	Berlin	A.N. 79 237 Mikr. Anschl.	59.70	29" 2	
6157	89 61	Pola, J. Palisa	Lalande 45669	27.51	7.2	A. N. 105. A. R. um 0 <sup>s</sup> .07 kleiner, Decl., um 0" 3 südl.
6158	92 249	Pola, J. Palisa	.....	.....	.....	
6159	88 29	Berlin, Becker	Göttingen Cat. I 6412-3	27.98	31.1	
6160	81 75	Berlin	Albany A. G. C. 8050	39.71	57.7	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle	Beob.	Pos.										
1800 +																
6161	+ 47°4110	6.0	....	6	72.84	72.0	23h 13m 40s 58	3	+ 28 7748	+0.0256	+0.022	+47°56' 23"7	8	19.646	+0.073	- 0.12
6162	— 4 5868	6.5	6.7	7-8	67.87	65.0	13 46.96	3	3.0938	-0.0030	+0.009	— 4 35 55.8	3	19.648	0.082	- 0.17
6163	— 6 6191	6.5	7	7.0	66.79	65.0	14 14.29	1	3.1029	-0.0041	+0.009	— 6 35 24.7	1	19.656	0.081	- 0.17
6164	— 11 6053	7.8	8	8	77.84	77.0	14 22.31	4	3.1247	-0.0067	+0.010	— 11 12 59.7	5	19.658	0.082	- 0.17
6165	» »	»	8.3	8	67.96	67.0	22.32	2	»	»	»	58.7	2	»	»	»
6166	» »	»	....	7½	77.76	77.0	22.35	7	»	»	»	58.0	5	»	»	»
6167	» »	»	7.5	8-9	77.89	77.0	22.39	2	»	»	»	58.2	2	»	»	»
6168	» »	»	8	7.8	67.78	65.0	22.42	2	»	»	»	58.5	2	»	»	»
6169	— 5 5973	7.0	8.0	7.0	64.70	65.0	14 55.03	2	3.0967	-0.0034	+0.009	— 5 21 22.4	2	19.667	0.080	- 0.17
6170	+ 2 4654	8.5	....	8.0	72.71	65.0	15 21.49	2	3.0615	+0.0006	+0.009	+ 2 22 31.5	2	19.675	0.078	- 0.16
6171	— 2 5943	8.7	8	8-9	.....	84.0	15 39.01	..	3.0835	-0.0019	+0.009	— 2 30 33.8	..	19.680	0.078	- 0.17
6172	+ 63 1974	7.0	....	...	78.85	77.0	15 50.57	4	2.5460	+0.0393	+0.046	+64 3 21.0	5	19.683	0.062	- 0.13
6173	— 7 5998	8.5	9	8	67.80	65.0	15 58.25	2	3.1058	-0.0045	+0.009	— 7 28 58.5	2	19.685	0.078	- 0.17
6174	+ 7 5015	9.4	9.4	...	.....	76.0	16 1.47	2	3.0364	+0.0035	+0.009	+ 7 59 35.6	2	19.686	0.076	- 0.16
6175	+ 0 4991	9.5	....	10	72.73	70.0	16 2.51	1	3.0682	-0.0001	+0.009	+ 0 55 22.1	1	19.686	0.077	- 0.17
6176	+ 6 5148	8.3	8.8	...	63.25	65.0	16 12.62	2	3.0420	+0.0029	+0.009	+ 6 48 9.5	2	19.689	0.076	- 0.15
6177	— 5 5977	9.2	....	9-10	64.75	65.0	16 18.28	2	3.0946	-0.0031	+0.009	— 5 1 59.1	2	19.691	0.077	- 0.17
6178	— 5 5978	8.9	9.2	9	64.79	65.0	16 22.16	2	3.0976	-0.0035	+0.009	— 5 43 18.7	2	19.692	0.077	- 0.17
6179	+ 2 4660	7.8	7	7.2	66.95	65.0	16 30.23	1	3.0628	+0.0006	+0.009	+ 2 8 1.8	1	19.694	0.076	- 0.17
6180	— 11 6064	8.0	8	8.0	77.83	77.0	16 31.21	3	3.1233	-0.0066	+0.010	— 11 27 31.3	3	19.694	0.077	- 0.17
6181	» »	»	8½	8	78.76	78.0	31.26	13	»	»	»	....	..	»	»	»
6182	» »	»	....	...	77.73	77.0	31.28	5	»	»	»	29.1	4	»	»	»
6183	» »	»	8.0	8.0	77.73	77.0	31.34	2	»	»	»	30.3	2	»	»	»
6184	— 10 6105	8.0	8	8.0	77.84	77.0	16 48.10	3	3.1167	-0.0059	+0.010	— 10 4 13.0	3	19.699	0.077	- 0.17
6185	» »	»	....	8.7	77.82	77.0	48.13	4	»	»	»	11.6	4	»	»	»
6186	» »	»	8.0	7½	77.81	77.0	48.18	3	»	»	»	12.6	4	»	»	»
6187	— 19 6450	6.7	....	6.9	78.75	77.0	17 32.58	4	3.1589	-0.0114	+0.011	— 19 22 32.9	4	19.711	0.076	- 0.13
6188	+ 28 4577	7.0	....	7.0	63.75	65.0	17 55.21	2	2.9370	+0.0145	+0.013	+28 59 14.7	2	19.717	0.070	- 0.15
6189	— 5 5983	9.0	10	9½	74.87	70.0	17 59.52	2	3.0974	-0.0035	+0.009	— 5 53 8.0	2	19.718	0.074	- 0.17
6190	+ 24 4766	9.0	....	9.2	.....	76.0	18 2.38	1	2.9622	+0.0119	+0.012	+24 19 32.9	1	19.719	0.070	- 0.15
6191	+ 60 2532	8.4	8.3	8.1	73.73	70.0	18 42.68	4	2.6418	+0.0379	+0.041	+60 54 6.0	4	19.730	0.061	- 0.11
6192	+ 64 1800	9.0	9.0	...	66.91	66.0	18 52.72	1	2.5650	+0.0417	+0.051	+ 64 48 27.0	1	19.732	0.058	- 0.13
6193	+ 2 4665	9.2	9	10	66.79	65.0	18 56.60	1	3.0616	+0.0009	+0.009	+ 2 33 16.1	1	19.733	0.071	- 0.17
6194	» »	»	9.2	8.8	68.9	68.0	56.65	2	»	»	»	18.3	2	»	»	»
6195	» »	»	....	9	72.71	70.0	56.66	2	»	»	»	15.3	2	»	»	»
6196	— 13 6404	7.3	7	8.5	81.88	81.0	19 49.10	1	3.1288	-0.0078	+0.010	— 13 38 14.3	1	19.747	0.071	- 0.13
6197	+ 7 5030	7.1	7.1	7.3	76.79	76.0	20 6.98	2	3.0399	+0.0037	+0.010	+ 7 57 50.9	2	19.751	0.068	- 0.17
6198	— 10 6114	8.3	9	8.3	77.80	77.0	20 7.06	3	3.1161	-0.0061	+0.010	— 10 43 16.6	3	19.751	0.070	- 0.17
6199	» »	»	....	9	77.76	77.0	7.10	8	»	»	»	15.5	5	»	»	»
6200	» »	»	9	9	78.77	78.0	7.11	13	»	»	»	....	..	»	»	»



UM- IER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
161	81 367	Leipzig, Engelmann	Arg.-Oeltzen 25417	40s60	22"5	Bonn A. G. C. 17664, 40s.62, 23".3; 6m.7. Siehe Noten.
162	72 116	Berlin, Romberg	Weisse, 249, B. Z. 20 u. 105	45.94	53.1	A. N. giebt E. B. an. Siehe Noten.
163	69 78	Berlin, Romberg	Yarnall 10579	14.35	23.5	Cordoba G. C. 31636, 14s.21, 24".8; 6m.4.
164	92 174	Berlin, Becker	Kam 4689	22.27	57.7	
165	71 176	Leipzig, Engelmann	Santini, 2625	22.19	56.6	
166	91 262	Königsberg, Franz	Cordoba G. C. 31639	22.27	58.6	
167	95 37	Leiden, E. Bakh. u. [Kapteyn]	Weisse, 265, B. Z. 127 u. 129	22.28	58.7	
168	72 116	Berlin, Romberg	Pulkowa Cat. 1875.0 5427	22.36	59.7	
169	69 78	Berlin, Romberg	Pulkowa Obs. Vol. VIII [p. 352 Nr. 1352]	54.94	23.4	Carleton 630, 54s.92, 21'23"8; 6m.9.
170	81 76	Berlin	Albany A. G. C. 8059	21.53	31.8	
171	109 384	Pulkowa, Romberg	Trettenero 1345	38.69	30.6	
172	94 283	Berlin, Schmidt	Helsingfors A. G. C. 13981	50.49	20.8	
173	72 116	Berlin, Romberg	Rümker 11066	58.43	56.4	
174	90 203, 89 359	Leipzig	B. D. + 7° 5015	0.9	59'7	A. N. 89 Decl. um 0".5 südlicher.
175	81 76	Berlin	M <sub>2</sub> 12947	2.14	23"9	A. N. Decl. um + 1' corrigirt. Siehe Noten.
176	69 78	Berlin, Romberg	Kam 4698	12.67	10.7	
177	69 78	Berlin, Romberg	Weisse, 302, B. Z. 105	18.24	0.5	
178	69 78	Berlin, Romberg	Schjellerup 9627	22.07	19.1	
179	69 78	Berlin, Romberg	Albany A. G. C. 8064	30.20	59.9	
180	92 174	Berlin, Becker	Pulkowa Cat. 1875.0 5445	31.19	30.4	E. B. + 0s.030 + 0"18 nach Porter Prop. Mot. 1303.
181	94 223	Königsberg, Franz	Cordoba G. C. 31680	31.25	29.9	
182	91 262	Königsberg, Franz	Santini, 2627	50.72	38.4	Weisse, 309, B. Z. 127 u. 129, 29s.96, 45".4.
183	92 174	Leiden, E. Bakh. u. [Kapteyn]	Yarnall 10597	30.67	36.4	
184	92 176	Berlin, Becker	Pulkowa Cat. 1875.0 5449	48.18	14.1	
185	91 262	Königsberg, Franz	Schjellerup 9630	48.03	12.4	
186	95 37	Leiden, E. Bakh. u. [Kapteyn]	Cordoba G. C. 31686	48.18	12.7	
187	94 283	Berlin, Schmidt	Cordoba G. C. 31703	32.56	32.9	
188	69 78	Berlin, Romberg	Pulkowa Obs. Vol. VIII [p. 352 Nr. 1355]	55.17	13.1	
189	86 215	Berlin, Knorre	Brüssel Cat. 10498	59.27	8.2	
190	89 265	Marseille, Stéphan	Berlin A. G. C. B. 8958	2.45	32.1	
191	104 199	Leipzig, Engelmann	Helsingfors A. G. C. 14024	42.53	6.6	
192	69 104	Leipzig	Helsingfors A. G. C. 14026	52.44	27.5	
193	69 78	Berlin, Romberg	Schjellerup 9649	56.56	17.4	
194	74 75	Washington	Albany A. G. C. 8072	56.63	15.7	A. N. Decl. um + 1" corrigirt. cf. A. N. 78 167.
195	81 76	Berlin	Glasgow Cat. I 6176	56.48	14.8	
196	102 299	Berlin, Leman	Schjellerup 9655	49.08	16.6	
197	90 203	Leipzig	Pulkowa Cat. 1875.0 5462	6.98	50.7	E. B. n. Pulkowa Cat. + 0s.001 — 0".26 genähert
198	92 176	Berlin, Becker	Pulkowa Cat. 1875.0 5463	7.16	17.4	" " Glasg. Cat. II 2071 — 0.0027 — 0.245
199	91 262	Königsberg, Franz	Schjellerup 9656	6.89	16.9	[Nr. 185, p. XXXV]
200	94 223	Königsberg, Franz	Cordoba G. C. 31751	7.10	17.0	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHE DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
6201	— 10°6114	8.3	8.7	8.5	77.86	77.0	23h 20m 7s 18	3	+ 3s 1161	—0s 0061	+0s 010	—10°43' 16"9	3	19"751	+0"070	—0.17
6202	+ 0 4997	8.9	9	8.8	63.79	65.0	20 24.87	3	3.0682	+0.0002	+0.009	+ 1 0 44.1	3	19.756	0.068	—0.17
6203	» » »	....	....	9.2	....	65.0	24.91	..	»	»	»	45.5	..	»	»	»
6204	— 7 6014	...	....	...	77.85	77.0	20 28.86	1	3.1034	—0.0044	+0.010	— 7 43 28.8	1	19.757	0.069	—0.17
6205	+ 0 4998	5.7	....	5.7	65.8	65.0	20 31.44	2	3.0700	0.0000	+0.009	+ 0 34 20.7	2	19.757	0.068	—0.17
6206	— 3 5629	7.3	8.5	7.3	67.90	65.0	20 47.93	2	3.0855	—0.0020	+0.009	— 3 19 17.8	2	19.762	0.068	—0.17
6207	+ 0 4999	7.2	....	7.5	65.8	65.0	20 50.68	2	3.0705	—0.0001	+0.009	+ 0 26 6.2	2	19.762	0.068	—0.17
6208	+ 18 5153	8.3	8.9	...	66.01	65.0	20 59.35	1	2.9963	+0.0091	+0.011	+18 31 39.2	1	19.764	0.069	—0.15
6209	+ 1 4725	8.0	....	8.0	65.8	65.0	21 19.46	3	3.0675	+0.0004	+0.009	+ 1 11 59.3	2	19.769	0.067	—0.17
6210	— 12 6496	6.3	7	6-7	77.86	77.0	21 34.80	3	3.1202	—0.0068	+0.010	—12 8 13.6	3	19.773	0.068	—0.17
6211	» » »	....	6.3	77.76	77.0		34.83	7	»	»	»	12.4	6	»	»	»
6212	» » »	6.8	6.0	77.85	77.0		34.90	4	»	»	»	12.6	4	»	»	»
6213	— 3 5642	8.8	9	9	84.6	84.0	21 39.83	..	3.0844	—0.0019	+0.009	— 3 8 50.9	..	19.774	0.066	—0.17
6214	— 3 5643	8.6	9	9	67.93	65.0	21 42.55	1	3.0844	—0.0019	+0.009	— 3 8 9.0	1	19.775	0.066	—0.17
6215	+ 2 4669	9.0	....	9.4	72.71	70.0	22 7.31	2	3.0612	+0.0013	+0.009	+ 2 52 37.4	2	19.781	0.065	—0.16
6216	— 5 5997	9.1	....	...	63.7	63.0	22 12.49	2	3.0920	—0.0029	+0.009	— 5 8 40.2	2	19.782	0.066	—0.17
6217	— 10 6120	7.0	7	7.0	77.80	77.0	22 32.57	4	3.1104	—0.0065	+0.010	— 9 57 13.1	4	19.787	0.065	—0.17
6218	» » »	....	6.5	77.76	77.0		32.62	8	»	»	»	12.0	5	»	»	»
6219	» » »	6.5	7.0	77.90	77.0		32.65	2	»	»	»	13.6	2	»	»	»
6220	— 2 5971	8.7	8.0	8.9	83.96	80.0	22 37.25	1	3.0804	—0.0013	+0.009	— 2 9 30.7	1	19.788	0.065	—0.17
6221	— 4 5891	8.5	....	8.5	64.75	65.0	22 56.23	2	3.0884	—0.0024	+0.009	— 4 17 1.7	2	19.792	0.064	—0.17
6222	— 5 5999	6.2	7.0	6.3	64.75	65.0	23 4.14	2	3.0918	—0.0029	+0.009	— 5 12 44.5	2	19.794	0.064	—0.17
6223	» » »	....	6.3	....	84.0		4.29	..	»	»	»	49.3	..	»	»	»
6224	+ 0 5007	9.4	....	...	72.96	72.0	23 17.52	1	3.0687	+0.0003	+0.009	+ 0 56 44.0	1	19.797	0.063	—0.17
6225	— 18 6317	8.9	9	9.0	77.79	75.0	23 18.91	3	3.1413	—0.0101	+0.011	—17 57 27.4	3	19.798	0.079	—0.18
6226	.....	...	10	...	75.87	80.0	23 46.53	1	3.0644	+0.0010	+0.009	+ 2 8 49.7	1	19.804	0.062	—0.17
6227	+ 1 4728	9.0	....	9.2	65.7	65.0	23 57.33	5	3.0675	+0.0006	+0.009	+ 1 18 22.6	5	19.807	0.062	—0.17
6228	+ 30 4961	8.4	....	...	83.7	83.0	24 2.45	3	2.9466	+0.0162	+0.013	+31 1 16.0	3	19.808	0.059	—0.15
6229	+ 1 4732	9.5	9.5	9.7	75.77	80.0	25 3.88	2	3.0651	+0.0010	+0.009	+ 2 0 30.2	2	19.822	0.059	—0.17
6230	— 4 5896	6.8	....	6.3	64.75	65.0	25 4.04	2	3.0892	—0.0026	+0.009	— 4 46 9.3	2	19.822	0.060	—0.17
6231	» » »	....	6.6	84.7	84.0		4.22	3	»	»	»	14.5	3	»	»	»
6232	+ 8 5074	8.5	8.9	8-9	67.70	65.0	25 21.03	2	3.0417	+0.0036	+0.010	+ 8 37 52.3	2	19.825	0.058	—0.1
6233	— 14 6486	9.1	....	9	81.88	80.0	25 52.26	2	3.1230	—0.0078	+0.010	—14 20 25.1	2	19.832	0.059	—0.11
6234	— 11 6096	9.1	....	9-10	....	79.0	25 53.48	..	3.1138	—0.0064	+0.010	—11 50 32.1	..	19.833	0.059	—0.17
6235	— 11 6098	7.0	7	6.8	77.74	77.0	25 57.11	4	3.1132	—0.0063	+0.010	—11 41 19.5	4	19.833	0.059	—0.17
6236	» » »	....	7.0	77.77	77.0		57.14	8	»	»	»	18.5	6	»	»	»
6237	» » »	7.0	7.0	77.91	77.0		57.22	7	»	»	»	19.2	7	»	»	»
6238	+ 3 4867	8.5	8.9	8.8	68.8	68.0	26 1.78	1	3.0607	+0.0017	+0.009	+ 3 21 26.8	1	19.834	0.058	—0.11
6239	» » »	....	9	69.66	70.0		1.85	2	»	»	»	28.7	2	»	»	»
6240	+ 25 4955	7.4	....	8	66.95	65.0	26 3.26	1	2.9766	+0.0135	+0.012	+25 51 52.1	1	19.835	0.056	—0.15

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
6201	95 37	Leiden, E. Bakhuyzen	Yarnall 10625	7 <sup>h</sup> 03	17 <sup>m</sup> 0	Identisch mit 6198—6200.
6202	69 78, 67 121 u. 89 59	[u. Kapteyn] Berlin, Romberg	Pulkowa Cat. 1875.0 5465	24.85	41.4	
6203	79 237	Washington	Albany A. G. C. 8077	24.88	42.1	
6204	94 285	Berlin, Tietjen	B. D. — 7° 6014	28.9	43'9	
6205	69 363	Königsberg, Sievers	Pulkowa Cat. 1875.0 5466	31.49	17 <sup>m</sup> 7	
6206	72 116, 111 29	Berlin, Romberg	Karlsruhe Beob. Heft II, [S. 206]	48.01	19.6	
6207	69 363	Königsberg, Sievers	Schjellerup 9664	50.62	11.4	
6208	69 78, 67 120	Berlin, Romberg	Lalande 45920	59.40	37.3	
6209	69 363, 88 60	Königsberg, Lorek	Albany A. G. C. 8081	19.47	55.9	
6210	92 176	Berlin, Becker	Cordoba G. C. 31770	34.89	12.9	
6211	91 262	Königsberg, Franz	Greenw. 10 Y. Cat. 3940	34.87	14.1	Weisse, 42 <sup>s</sup> .40, 12 <sup>m</sup> .8; 9 <sup>m</sup> .
6212	95 37	Leiden, E. Bakhuyzen	Yarnall 10644	34.72	14.1	
6213	111 29	[u. Kapteyn] Cordoba	Glasgow Cat. I 6193	39.49	50.8	
6214	72 116	Berlin, Becker	Glasgow Cat. I 6194	42.44	11.9	
6215	81 76	Berlin	Albany A. G. C. 8084	7.34	38.2	
6216	68 263	Wien	B. D. — 5° 5997	12.9	8'7	
6217	92 176	Berlin, Becker	Pulkowa Cat. 1875.0 5482	32.73	14 <sup>m</sup> 5	
6218	91 262	Königsberg, Franz	Cordoba G. C. 31787	32.64	12.1	
6219	95 39	Leiden, E. Bakhuyzen	Greenw. 10 Y. Cat. 3942	32.62	14.1	
6220	111 179	[u. Kapteyn] Berlin, Knorre	Trettenero 1358	37.23	29.1	
6221	69 78	Berlin, Romberg	Pulkowa Obs. Vol. VIII, [p. 352, Nr. 1356]	56.10	3.1	E. B. + 0 <sup>s</sup> .014 — 0 <sup>m</sup> .25 nach Porter Prop. Mot. 1306. E. B. nach Pulk. Cat. + 0 <sup>s</sup> .014 — 0 <sup>m</sup> .26 genähert.
6222	69 78	Berlin, Romberg	Cordoba G. C. 31795	4.40	48.4	
6223	111 206	Paris	Pulkowa Cat. 1875.0 5487	4.38	48.5	
6224	82 14	Neuenburg, Becker	B. D. + 0° 5007	18.0	56'6	
6225	92 249, 94 283	Pola, J. Palisa	Arg-Weiss 17966	19.07	21 <sup>m</sup> 7	
6226	88 29	Berlin, Becker	.....	.....	.....	
6227	69 363	Königsberg, Sievers	Albany A. G. C. 8086	56.99	21.3	
6228	108 391	Strassburg, Schur	Leiden A. G. Z. 225, 331	2.26	19.0	
6229	88 29	Berlin, Becker u. [Knorre]	B. B. VI 4732	3.66	34.3	
6230	69 78	Berlin, Romberg	Cordoba G. C. 31837	4.08	12.8	
6231	112 143	Cap	Pulkowa Cat. 1875.0 5499	4.17	12.1	E. B. nach Pulkowa Cat. + 0 <sup>s</sup> .0126 — 0 <sup>m</sup> .206. Epoche der Declin. Beob. 77.78. Epoche der Declin. Beob. 77.91. A. N. Declin. um + 1 <sup>m</sup> corrigirt. cf. A. N. 78 167 Siehe Noten.
6232	72 116	Berlin, Romberg	Greenw. 6 Y. Cat. 1531	21.00	51.9	
6233	111 57	Hamburg, Schrader	Santini, 2198	52.02	22.8	
6234	96 317	Kremsmünster	Santini, 2642	52.62	33.5	
6235	92 176	Berlin, Becker	Cordoba G. C. 31854	57.18	18.5	
6236	91 263	Königsberg, Franz	Armagh Cat. II 3198	57.29	21.1	
6237	95 39	Leiden, E. Bakhuyzen	Pulkowa Cat. 1875.0 5507	57.23	19.1	
6238	74 75	[u. Kapteyn] Washington	Albany A. G. C. 8094	1.75	26.9	
6239	81 76	Berlin	Schjellerup 9707	1.41	27.1	
6240	69 78	Berlin, Romberg	Lalande 46102	2.76	55.9	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800	+											
6241	— 12°6513	9.0	....	9.0	.....	79.0	23 <sup>h</sup> 26 <sup>m</sup> 10 <sup>s</sup> 34	..	+ 3 <sup>s</sup> 1141	—0 <sup>m</sup> 0065	+0 <sup>m</sup> 010	—12° 1' 8" <sup>7</sup>	..	19 <sup>h</sup> 836	+0 <sup>m</sup> 058	— 0 <sup>m</sup> 17	
6242	+ 25 4957	7.4	7.8	8	66.79	65.0	26 13.58	1	2.9772	+0.0135	+0.012	+25 49 41.2	1	19.837	0.055	— 0.15	
6243	— 10 6131	8.8	9	...	81.88	81.0	26 42.72	2	3.1069	—0.0054	+0.010	—10 9 19.7	2	19.843	0.057	— 0.17	
6244	+ 3 4869	8.1	....	8.1	69.66	70.0	26 48.31	2	3.0599	+0.0019	+0.009	+ 3 39 9.1	2	19.844	0.056	— 0.17	
6245	— 5 6011	7.2	....	6.8	84.8	84.0	27 2.42	3	3.0893	—0.0026	+0.009	— 5 5 25.6	3	19.847	0.056	— 0.17	
6246	— 15 6455	8.0	....	...	76.79	76.0	27 36.68	2	3.1223	—0.0081	+0.010	—14 55 11.5	2	19.854	0.056	— 0.18	
6247	— 1 4456	8.7	8.7	8.5	74.88	70.0	27 42.71	3	3.0759	—0.0005	+0.009	— 1 6 51.7	3	19.855	0.055	— 0.17	
6248	— 2 5986	6.0	....	5.9	80.7	80.0	27 43.34	1	3.0786	—0.0009	+0.009	— 1 56 15.0	1	19.856	0.055	— 0.17	
6249	— 10 6134	8.0	....	8	70.7	70.0	27 51.22	1	3.1066	—0.0055	+0.010	—10 24 2..	..	19.854	.....	.....	
6250	+ 1 4737	8.5	....	8.2	65.74	65.0	27 59.86	1	3.0680	+0.0008	+0.009	+ 1 18 46.1	1	19.859	0.054	— 0.17	
6251	» »	»	....	9	65.8	65.0	59.90	5	»	»	»	46.1	5	»	»	»	
6252	— 17 6776	8.0	8.3	8.5	73.68	73.0	28 4.84	2	3.1314	—0.0097	+0.011	—17 41 17.9	5	19.860	0.055	— 0.18	
6253	— 2 5990	9.5	....	9	78.74	77.0	28 14.92	5	3.0793	—0.0010	+0.009	— 2 11 44.7	5	19.862	0.053	— 0.17	
6254	» »	»	....	...	83.99	80.0	14.99	1	»	»	»	47.5	1	»	»	»	
6255	— 19 6476	8.5	....	8	76.80	76.0	28 40.42	1	3.1359	—0.0107	+0.011	—19 15 45.1	2	19.867	0.054	— 0.18	
6256	— 4 5912	7.8	8.3	6.9	67.81	67.0	28 48.77	1	3.0856	—0.0022	+0.009	— 4 32 44.4	1	19.869	0.053	— 0.17	
6257	— 17 6779	7.3	....	7.5	78.80	77.0	28 57.74	6	3.1284	—0.0094	+0.011	—17 16 24.8	7	19.871	0.053	— 0.18	
6258	+ 1 4740	8.5	8	8.2	65.99	65.0	28 58.75	1	3.0674	+0.0009	+0.009	+ 1 31 25.0	1	19.871	0.052	— 0.17	
6259	— 11 6110	7.3	8	7.3	77.89	77.0	28 59.43	3	3.1081	—0.0059	+0.010	—11 14 45.5	3	19.871	0.053	— 0.17	
6260	» »	»	....	7.3	.....	....	59.49	7	»	»	»	43.8	5	»	»	»	
6261	» »	»	7.0	7½	77.94	77.0	59.51	4	»	»	»	44.8	4	»	»	»	
6262	— 7 6052	8.8	9	8.1	65.98	65.0	29 4.35	1	3.0970	—0.0050	+0.010	— 7 50 32.7	1	19.872	0.052	— 0.17	
6263	+ 1 4741	9.0	....	8.6	65.83	65.0	29 22.85	2	3.0680	+0.0009	+0.009	+ 1 23 2.7	2	19.876	0.051	— 0.17	
6264	— 11 6111	8.0	....	...	.....	79.0	29 29.44	..	3.1080	—0.0059	+0.010	—11 22 44.3	..	19.877	0.052	— 0.17	
6265	— 9 6220	7.4	7.8	7.4	77.82	77.0	29 33.05	4	3.1017	—0.0048	+0.010	— 9 27 23.0	4	19.877	0.051	— 0.17	
6266	» »	»	....	8	77.79	77.0	33.08	7	»	»	»	20.4	5	»	»	»	
6267	» »	»	7.5	7.5	77.90	77.0	33.12	2	»	»	»	22.4	2	»	»	»	
6268	— 7 6055	7.8	8	8.7	65.87	65.0	29 51.03	2	3.0963	—0.0050	+0.010	— 7 48 26.9	2	19.881	0.052	— 0.17	
6269	+ 6 5174	7.8	....	9	72.72	70.0	29 53.11	2	3.0533	+0.0034	+0.010	+ 6 10 11.0	2	19.881	0.050	— 0.16	
6270	+ 8 5084	8.8	9	9	67.70	65.0	29 57.82	2	3.0446	+0.0044	+0.010	— 8 59 47.1	2	19.882	0.049	— 0.16	
6271	— 3 5669	8.0	....	9	64.75	65.0	30 19.33	2	3.0833	—0.0017	+0.010	— 3 39 10.8	2	19.886	0.050	— 0.17	
6272	— 2 5998	8.6	....	...	77.84	77.0	30 52.23	2	3.0788	—0.0009	+0.010	— 2 12 38.2	2	19.892	0.048	— 0.17	
6273	+ 4 5031	9.3	....	9.5	69.66	70.0	30 59.99	3	3.0594	+0.0025	+0.010	+ 4 20 25.3	3	19.894	0.048	— 0.17	
6274	+ 6 5178	8.4	....	...	66.72	66.0	31 1.48	2	3.0518	+0.0034	+0.010	+ 6 55 51.2	2	19.894	0.048	— 0.16	
6275	» »	»	8	...	66.40	65.0	1.60	2	»	»	»	54.9	2	»	»	»	
6276	+ 7 5063	9.5	....	...	66.72	66.0	31 5.39	2	3.0487	+0.0046	+0.010	+ 7 59 10.4	2	19.895	0.047	— 0.16	
6277	+ 2 4691	9.5	....	...	82.7	82.0	31 33.51	..	3.0660	+0.0014	+0.010	+ 2 8 52.4	..	19.900	0.047	— 0.17	
6278	— 9 6223	7.2	7	7.2	77.74	77.0	31 45.05	4	3.0992	—0.0046	+0.010	— 9 19 8.6	4	19.902	0.047	— 0.17	
6279	» »	»	5½	6.9	78.77	78.0	45.09	14	»	»	»	....	..	»	»	»	
6280	» »	»	....	8	77.77	77.0	45.11	7	»	»	»	7.0	5	»	»	»	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5241	96 317	Kremsmünster	Wash. Obs. 1879 S. 223 [Nr. 575]	9 <sup>s</sup> 58	9" 3	Siehe Noten.
5242	69 78	Berlin, Romberg	Lalande 46111	13.32	45.2	
5243	102 299	Berlin, Leman	Kam 4723	42.50	20.8	
5244	81 76	Berlin	Albany A. G. C. 8101	48.18	9.3	
5245	111 233	Washingt, Eastman	Cordoba G. C. 31878	2.38	28.3	
5246	94 289	Berlin, Tietjen	Rümker 11338	36.57	7.9	Washington verbunden mit Yarnall und Greenwich. [Siehe Noten.]
5247	86 215	Berlin, Knorre	Schjellerup 9719	42.73	49.3	
5248	100 275	Washington	Cordoba G. C. 31893	43.41	15.3	
5249	77 367	Durham, Plummer	Kam 4729	51.22	59.3	
5250	69 78	Berlin, Romberg	Albany A. G. C. 8110	59.82	42.0	
5251	69 363	Königsberg, Sievers	Schjellerup 9721	59.72	46.4	Arg.-Weiss 18005, 19.61, 21".8; 8m.
5252	82 278, 88 40, 84 182	Leipzig, Engelmann	Yarnall 10696	4.67	16.6	
5253	94 289	Kremsmünster	Weisse, 555, B. Z. 112	14.89	49.3	
5254	111 179	Berlin, Knorre	.....	.....	.....	
5255	94 289	Berlin, Tietjen	Arg.-Weiss 18010	40 36	40.6	
5256	71 176	Leipzig, Engelmann	Cordoba G. C. 31912	48.62	44.1	E. B. + 0 <sup>s</sup> .006 + 0".28 nach Porter Prop. Mot. 1310
5257	94 283	Berlin, Schmidt	B. B. VI S. 365 Nr. 29	57.84	23.6	
5258	69 78	Berlin, Romberg	Albany A. G. C. 8114	58.80	25.6	
5259	92 176	Berlin, Becker	Pulkowa Cat. 1875.0 5520	59.49	45.2	
5260	91 263	Königsberg, Franz	Greenw. 10 Y. Cat. 3962	59.47	46.1	
6261	95 37	Leiden, E. Bakh. u. [Kapteyn]	Cordoba G. C. 31915	59.49	44.4	Epoche der Declin. Beob. 77.94
6262	69 78	Berlin, Romberg	Yarnall 10703	4.30	33.4	
6263	67 25	Leiden, Kam u. v. [Hennekeler]	Albany A. G. C. 8116	22.79	1.6	Epoche der Declin. Beob. 77.76 Epoche der Declin. Beob. 77.90.
6264	96 317	Kremsmünster	Santini, 2654	29.20	42.0	
6265	92 176	Berlin, Becker	Pulkowa Cat. 1875.0 5523	33.14	22.9	
6266	91 264	Königsberg, Franz	Schjellerup 9734	33.17	20.3	
6267	95 39	Leiden, E. Bakh. u. [Kapteyn]	Armagh Cat. II 3310	33.27	23.3	
6268	69 78	Berlin, Romberg	Schjellerup 9737	50.89	28.1	Siehe Noten.
6269	81 76	Berlin	Schjellerup 9738	53.02	14.0	
6270	72 116	Berlin, Romberg	Weisse, 598, B. Z. 108 u. 120	57.93	48.0	
6271	69 78	Berlin, Romberg	B. Z. 20	18.82	12.3	
6272	94 289	Berlin, Tietjen	Rümker 11401	51.91	38.4	
6273	81 76	Berlin	Schjellerup 9746	59 71	27.3	Siehe Noten.
6274	69 381	Leiden, v. Hennekeler	Göttingen Cat. II 6719	1.38	53 8	
6275	69 78, 67 120	Berlin, Romberg	Kam 4744	1.62	54.8	
6276	69 381	Leiden, v. Hennekeler	A. N. 67 26 Mikr. Anschl.	5.46	12.5	
6277	104 31	Pulkowa	B. D. + 2° 4691	31.1	10' 0	
6278	92 176	Berlin, Becker	Pulkowa Cat. 1875.0 5529	45.15	9' 9	Siehe Noten.
6279	94 223	Königsberg, Franz	Cordoba G. C. 31967	45.10	7.9	
6280	91 264	Königsberg, Franz	M, 32624	45.41	7.6	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle	Beob.	Pos.											
					1800	+								+			
6281	— 9°6223	7.2	6.5	7	77.91	77.0	23 <sup>h</sup> 31 <sup>m</sup> 45 <sup>s</sup> 15	7	+ 3.0992	— 0.0046	+ 0.010	— 9° 19' 8" 0	7	19 <sup>m</sup> 902	+ 0.047	— 0.17	
6282	+ 1 4751	8.5	8.5	8.4	65.99	65.0	32 3.67	1	3.0678	+ 0.0011	+ 0.010	+ 1 33 35.4	1	19.905	0.046	— 0.17	
6283	— 6 6251	8.9	9	8.5	84.6	84.0	32 6.86	..	3.0912	— 0.0032	+ 0.010	— 6 40 48.2	..	19.906	0.046	— 0.17	
6284	— 0 4542	9.5	10	9	74.91	70.0	32 31.53	2	3.0747	— 0.0001	+ 0.010	— 0 53 22.6	2	19.910	0.045	— 0.17	
6285	— 10 6138	8.7	9.0	9-10	83.99	80.0	32 47.60	1	3.1021	— 0.0053	+ 0.010	— 10 40 31.7	1	19 913	0.045	— 0.17	
6286	» »	»	....	9	78.88	78.0	47.81	2	»	»	»	32.3	2	»	»	»	
6287	— 2 6012	9.2	....	9-10	78.79	77.0	33 49.14	5	3.0786	— 0.0008	+ 0.010	— 2 22 33.1	5	19.923	0.043	— 0.17	
6288	— 2 6013	8.8	....	8	....	77.0	33 50.82	..	3.0788	— 0.0008	+ 0.010	— 2 26 51.2	..	19.924	0.043	— 0.17	
6289	+ 4 5036	8.2	....	8.0	66.6	66.0	33 55.23	3	3.0613	+ 0.0026	+ 0.010	+ 4 6 50.8	3	19.925	0.042	— 0.17	
6290	— 14 6521	9.5	10	...	77.80	75.0	34 0.34	2	3.1114	— 0.0074	+ 0.011	— 14 29 54.0	2	19.925	0.043	— 0.17	
6291	— 11 6125	8.8	9.3	9.3	83.99	80.0	34 1.63	1	3.1014	— 0.0054	+ 0.010	— 10 55 10.8	1	19.926	0.043	— 0.17	
6292	+ 9 5258	8.1	....	8-9	66.01	65.0	34 10.85	1	3.0465	+ 0.0055	+ 0.010	+ 9 42 28.6	1	19.927	0.042	— 0.16	
6293	.....	...	....	...	66.83	66.0	34 18.83	2	3.0625	+ 0.0024	+ 0.010	+ 3 43 20.7	2	19.928	0.041	— 0.17	
6294	— 7 6070	8.2	8.9	9	65.75	65.0	34 44.10	2	3.0908	— 0.0033	+ 0.010	— 7 10 11.6	2	19.932	0.041	— 0.17	
6295	— 3 5688	8.7	9	...	63.85	65.0	34 48.50	2	3.0813	— 0.0014	+ 0.010	— 3 33 5.9	2	19.933	0.040	— 0.17	
6296	— 14 6523	8.3	....	9.5	81.7	81.0	34 50.03	..	3.1092	— 0.0072	+ 0.011	— 14 10 4.4	..	19.933	0.041	— 0.17	
6297	— 5 6033	8.7	....	8.7	66.79	65.0	34 52.10	1	3.0853	— 0.0022	+ 0.010	— 5 6 58.6	1	19.934	0.040	— 0.17	
6298	+ 1 4758	8.2	....	8.5	....	66.0	34 54.30	2	3.0677	+ 0.0014	+ 0.010	+ 1 46 32.5	2	19.934	0.040	— 0.17	
6299	» »	»	8	7.9	65.99	65.0	54.33	1	»	»	»	32.6	1	»	»	»	
6300	— 16 6336	8.8	....	...	78.75	77.0	35 6.20	2	3.1147	— 0.0084	+ 0.011	— 16 18 53.5	2	19.936	0.041	— 0.17	
6301	+ 77 916	9.3	....	9.5	81.77	77.0	35 9.38	2	2.3901	+ 0.0786	+ 0.184	+ 78 1 44.0	2	19.936	0.029	— 0.02	
6302	— 6 6263	7.8	....	8	72.72	70.0	35 27.03	1	3.0890	— 0.0030	+ 0.010	— 6 40 30.7	1	19.939	0.040	— 0.17	
6303	» »	»	8	8.3	63.73	»	27.03	2	»	»	»	27.6	2	»	»	»	
6304	+ 6 5183	6.5	....	6.5	72.73	70.0	35 34.57	1	3.0559	+ 0.0039	+ 0.010	+ 6 33 30.9	1	19.940	0.039	— 0.17	
6305	+ 0 5037	4.6	....	5.0	66.7	66.0	35 40.33	2	3.0695	+ 0.0011	+ 0.010	+ 1 5 29.8	2	19.941	0.039	— 0.17	
6306	+ 32 4690	8.9	8.9	...	64.67	65.0	35 53.34	2	2.9820	+ 0.0186	+ 0.015	+ 32 44 39.0	2	19.943	0.037	— 0.15	
6307	— 15 6476	4.8	4½	4.7	78.77	78.0	36 14.31	14	3.1099	— 0.0077	+ 0.011	— 15 14 9..	..	19.946	....	— 0.17	
6308	+ 4 5042	9.5	9.4	...	73.85	73.0	36 41.95	2	3.0609	+ 0.0030	+ 0.010	+ 4 45 55.7	2	19.951	0.037	— 0.17	
6309	+ 14 5040	8.2	....	9	76.79	76.0	36 48.95	3	3.0379	+ 0.0080	+ 0.011	+ 14 15 52.2	3	19.952	0.036	— 0.16	
6310	— 1 4479	8.0	8.0	8.0	64.86	65.0	36 54.22	2	3.0755	— 0.0001	+ 0.010	— 1 24 5.3	2	19.952	0.037	— 0.17	
6311	+ 9 5268	5.0	5.6	5.6	67.78	65.0	37 0.82	2	3.0495	+ 0.0053	+ 0.010	+ 9 38 15.5	2	19.953	0.036	— 0.15	
6312	+ 77 919	9.5	....	...	81.77	77.0	37 3.68	2	2.4381	+ 0.0837	+ 0.198	+ 78 6 13.3	2	19.954	0.027	— 0.02	
6313	— 4 5939	8.5	8.9	8.7	63.87	65.0	37 10.82	2	3.0816	— 0.0015	+ 0.010	— 4 0 20.8	2	19.955	0.036	— 0.17	
6314	— 13 6455	8.8	9.0	9-10	83.99	80.0	37 21.44	2	3.1044	— 0.0068	+ 0.010	— 13 42 17.7	2	19.956	0.036	— 0.17	
6315	+ 7 5079	9.4	....	...	73.88	73.0	37 35.22	2	3.0557	+ 0.0044	+ 0.010	+ 7 14 26.6	2	19.958	0.035	— 0.15	
6316	» »	»	9.4	...	73.86	70.0	35.25	5	»	»	»	25.4	5	»	»	»	
6317	» »	»	9.4	...	73.85	73.0	35.46	3	»	»	»	25.9	3	»	»	»	
6318	— 13 6457	8.5	....	8-9	81.82	80.0	37 43.01	5	3.1043	— 0.0069	+ 0.010	— 13 52 56.6	5	19.959	0.035	— 0.17	
6319	» »	»	8.9	9	81.88	81.0	43.06	2	»	»	»	55.7	2	»	»	»	
6320	— 6 6273	9.0	9	...	63.74	65.0	37 59.36	2	3.0868	— 0.0027	+ 0.010	— 6 28 11.9	2	19.962	0.035	— 0.17	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A. R.	Decl.	
5281	95 39	Leiden, E. Bakh. u. [Kapteyn]	Kam 4748-9	45 <sup>s</sup> 10	6 <sup>"</sup> 4	A. N. A. R. um + 0 <sup>s</sup> .05 corrigirt. Siehe Noten.
5282	69 78, 67 121	Berlin, Romberg	Albany A. G. C. 8128	3.57	34.2	
5283	111 29	Cordoba	Schjellerup 9756	6.95	47.7	
5284	86 215	Berlin, Knorre	M <sub>1</sub> 32637	31.98	18.6	
5285	111 179	Berlin, Knorre	Santini, 2659	47.59	33.2	
5286	94 305	Kremsmünster	Weisse, 650, B.Z. 129 u. 186	47.77	30.9	
5287	94 285	Kremsmünster	Trettenero 1378	48.98	33.7	
5288	94 285	Berlin, Tietjen	Trettenero 1379	50.55	49.9	
5289	69 364	Königsberg, Lorek	Albany A. G. C. 8134	55.14	46.5	
5290	92 249	Pola, J. Palisa	B. D. — 14° 6521	1.3	29.9	
6291	111 179	Berlin, Knorre	Schjellerup 9771	1.49	10 <sup>"</sup> 5	A. N. Decl. um — 15 <sup>"</sup> .9 corr. Siehe Noten.
6292	69 78, 67 120	Berlin, Romberg	Weisse, 680, B. Z. 29	10.64	32.2	
6293	69 381	Leiden, Kam	A.N. 66 265, Mikr. Anschl.	18.82	27.5	
6294	69 78	Berlin, Romberg	Weisse, 693, B. Z. 134	43.69	14.0	
6295	69 78	Berlin, Romberg	Kam 4759	48.46	5.4	
6296	101 285	Palermo, Zona	M <sub>2</sub> 13053	50.01	5 <sup>"</sup> 0	
6297	69 78	Berlin, Romberg	Küstner 653	52.06	59.4	
6298	69 364	Königsberg, Lorek	Schjellerup 9781-2	54.20	31.8	
6299	69 78, 67 121	Berlin, Romberg	Albany A. G. C. 8137	54.24	31.8	
6300	94 283	Kremsmünster	B. D. — 16° 6336	6.6	19 <sup>'</sup> 1	
6301	101 94	Bonn, Deichmüller	B. D. + 77° 916	8.6	3.1	E. B. — 0 <sup>s</sup> .010 — 0 <sup>"</sup> .15 nach Porter Prop. Mot. 1319.  w <sub>2</sub> Aquarii. E. B. nach Gr. Cat. + 0 <sup>s</sup> .0053 — 0 <sup>"</sup> .055.
6302	81 76	Berlin,	Cordoba G. C. 32027	26.79	30 <sup>"</sup> 6	
6303	69 78	Berlin, Romberg	Schjellerup 9784	27.09	27.6	
6304	81 76	Berlin	Pulkowa Cat. 1875.0 5542	34.54	31.9	
6305	69 364	Königsberg, Lorek	Albany A. G. C. 8141	40.00	30.6	
6306	69 78	Berlin, Romberg	Leiden A. G. Z. 131, 218	53.45	43.0	
6307	94 223	Königsberg, Franz	Greenw. 10 Y. Cat. 3987	14.33	9.7	
6308	84 182	Leipzig, Engelmann	B. D. + 4° 5042	41.9	45 <sup>'</sup> 4	
6309	94 285	Berlin, Tietjen	Schjellerup 9796	48.73	55 <sup>"</sup> 8	
6310	69 78	Berlin, Romberg	Göttingen Cat. I 6504-5	54.43	6.6	
6311	72 116	Berlin, Romberg	Glasgow Cat. I 6280	0.67	14.3	Weisse, 740, B. Z. 189, 21 <sup>s</sup> 97, 21 <sup>"</sup> .7; 9 <sup>m</sup> .
6312	101 94	Bonn, Deichmüller	B. D. + 77° 919	0.0	5 <sup>'</sup> 5	
6313	69 78	Berlin, Romberg	Schjellerup 9800	10.54	18 <sup>"</sup> 9	
6314	111 179	Berlin, Knorre	Santini, 2215	21.51	17.9	
6315	86 314, 107 107	Leiden, E. Bakhuyzen	A.N. 88, 154, Mikr. Anschl.	35.18	28.6	
6316	84 237	Berlin, Knorre	.....	.....	.....	
6317	82 379, 84 182	Leipzig, Engelmann	.....	.....	.....	
6318	111 57	Hamburg, Schrader	Weisse, 744, B. Z. 189	43.05	58.2	
6319	102 299, 111 223	Berlin, Leman	Santini, 2216	42.83	56.1	
6320	69 78	Berlin, Romberg	Kam 4771	59.30	10.5	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHE		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
		B. D.	A. N.	Quelle	Beob.	Pos.										
1800 +																
6321	+ 26° 46' 79	8.4	9	8-9	67.87	65.0	23h 38m 08s 30	2	+ 3.8073	+0.0148	+0.013	+26° 52' 56" 1	2	19.962	+0.034	— 0.16
6322	— 5 6041	8.7	....	9	72.73	70.0	38 9.21	1	3.0849	—0.0023	+0.010	— 5 42 3.3	1	19.963	0.034	— 0.17
6323	» »	»	8.5	...	84.98	84.0	9.43	2	»	»	»	3.6	2	»	»	»
6324	— 6 6275	9.1	....	...	72.73	70.0	38 12.49	1	3.0869	—0.0028	+0.010	— 6 34 54.9	1	19.964	0.034	— 0.17
6325	» »	»	8.8	9	63.78	65.0	12.66	2	»	»	»	52.0	2	»	»	»
6326	— 6 6276	8.7	....	9	72.72	70.0	38 14.09	1	3.0874	—0.0029	+0.010	— 6 49 26.3	1	19.964	0.034	— 0.17
6327	» »	»	....	9	65.8	65.0	14.31	3	»	»	»	27.3	3	»	»	»
6328	— 7 6078	8.6	...	9	65.8	65.0	38 21.87	2	3.0891	—0.0034	+0.010	— 7 37 46.0	2	19.965	0.034	— 0.17
6329	+ 1 4766	8.5	....	7.8	66.7	66.0	38 40.24	3	3.0692	+0.0014	+0.010	+ 1 23 51.8	3	19.967	0.033	— 0.17
6330	+ 7 5082	8.2	8	9	73.87	70.0	38 50.13	2	3.0559	+0.0046	+0.010	+ 7 32 14.0	2	19.969	0.033	— 0.15
6331	+ 14 5045	7.7	....	7	76.78	76.0	38 51.61	1	3.0407	+0.0082	+0.011	+14 20 59.4	1	19.969	0.032	— 0.15
6332	+ 34 5000	9.2	....	9	64.71	65.0	39 33.77	1	2.9910	+0.0200	+0.016	+34 19 7.0	1	19.974	0.030	— 0.15
6333	— 0 4563	8.2	8.2	8.3	74.92	70.0	39 36.01	2	3.0731	+0.0005	+0.010	— 0 25 50.4	2	19.975	0.031	— 0.17
6334	— 13 6461	8.5	....	8.6	77.8	77.0	40 6.96	1	3.0999	—0.0065	+0.011	—13 26 57.4	1	19.979	0.031	— 0.17
6335	— 0 4566	7.9	....	7.9	64.34	65.0	40 10.78	2	3.0726	+0.0007	+0.010	— 0 9 46.2	2	19.979	0.030	— 0.17
6336	» » »	... 9.7	9.7	9.7	73.91	70.0	40 17.19	2	3.0566	+0.0048	+0.010	+ 7 45 5.8	2	19.980	0.030	— 0.16
6337	— 10 6168	8.3	....	9	81.28	80.0	40 53.89	4	3.0929	—0.0048	+0.010	—10 29 62.4	4	19.985	0.029	— 0.17
6338	» »	»	....	...	....	79.0	53.97	..	»	»	»	51.9	..	»	»	»
6339	— 2 6037	8.8	8.5	8-9	83.96	80.0	40 58.01	2	3.0765	—0.0003	+0.010	— 2 12 12.1	2	19.985	0.029	— 0.17
6340	» »	»	....	8.5	77.84	77.0	58.09	2	»	»	»	11.9	2	»	»	»
6341	— 6 6291	7.8	....	8	72.72	70.0	41 12.62	1	3.0848	—0.0026	+0.010	— 6 31 13.1	1	19.987	0.028	— 0.17
6342	— 5 6048	7.3	8.5	7.2	....	73.0	41 13.62	2	3.0821	—0.0019	+0.010	— 5 9 25.0	2	19.987	0.028	— 0.17
6343	» »	»	....	8	....	65.0	13.89	5	»	»	»	20.0	5	»	»	»
6344	— 11 6139	8.8	9	...	....	84.0	41 23.43	..	3.0938	—0.0052	+0.010	—11 15 23.8	..	19.988	0.028	— 0.17
6345	— 6 6293	8.2	....	...	84.98	84.0	41 27.11	2	3.0835	—0.0023	+0.010	— 5 56 0.9	2	19.989	0.028	— 0.17
6346	— 3 5706	9.2	....	...	....	72.0	41 27.17	..	3.0779	+0.0024	+0.010	— 2 59 57.4	..	19.989	0.028	— 0.17
6347	— 14 6550	7.6	....	7.6	....	77.0	41 29.74	..	3.1004	—0.0071	+0.011	—14 36 30.4	..	19.989	0.028	— 0.17
6348	+ 7 5084	8.8	....	...	73.88	75.0	41 29.73	2	3.0584	+0.0046	+0.010	+ 7 18 36.1	2	19.989	0.027	— 0.17
6349	» »	»	9	...	73.85	70.0	29.86	4	»	»	»	36.5	4	»	»	»
6350	» »	»	8.8	...	73.85	73.0	30.01	2	»	»	»	37.4	2	»	»	»
6351	— 8 6191	9.2	9.5	...	....	78.0	41 39.85	..	3.0878	—0.0035	+0.010	— 8 17 38.3	..	19.990	0.027	— 0.17
6352	+ 6 5203	8.0	8.0	8.5	66.85	65.0	41 51.91	2	3.0603	+0.0042	+0.010	+ 6 28 11.8	..	19.991	0.027	— 0.17
6353	+ 7 5086	8.2	9	7.6	73.90	70.0	41 55.77	2	3.0584	+0.0047	+0.010	+ 7 29 38.6	2	19.992	0.027	— 0.17
6354	» »	»	8.3	9	73.90	73.0	55.83	2	»	»	»	38.6	2	»	»	»
6355	— 5 6055	8.9	....	...	72.73	70.0	42 2.91	1	3.0821	—0.0019	+0.010	— 5 22 40.1	1	19.993	0.027	— 0.17
6356	» »	»	....	9	65.7	65.0	3.07	5	»	»	»	39.1	5	»	»	»
6357	— 7 6086	6.3	....	7	65.8	65.0	42 7.11	2	3.0852	+0.0030	+0.010	— 7 4 28.6	2	19.993	0.028	— 0.17
6358	— 4 5959	9.0	....	9	69.67	70.0	42 21.55	2	3.0800	—0.0014	+0.010	— 4 20 0.0	2	19.995	0.026	— 0.17
6359	— 8 6195	9.5	....	...	78.8	78.0	42 21.61	..	3.0875	—0.0036	+0.010	— 8 26 44.6	..	19.995	0.026	— 0.17
6360	— 10 6171	9.1	....	...	84.6	84.0	42 46.32	..	3.0905	—0.0045	+0.010	—10 18 49.1	..	19.998	0.025	— 0.17



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
5321	72 116	Berlin, Romberg	Weisse, 809, B. Z. 321	08.34	53"4	A. N. statt 37 <sup>m</sup> 518.07, 37 <sup>m</sup> 578.06 zu lesen. Publ. A G. XVIII.
5322	81 76	Berlin	M <sub>2</sub> 13069	9.28	3.2	
5323	111 233 u. 267	Albany, Egbert	A.N. 111 398, Mikr. Anschl.	9.43	1.0	
5324	81 76	Berlin	Kam 4773	12.66	51.9	
5325	69 78	Berlin, Romberg	Schjellerup 9808	12.73	52.8	
5326	81 76	Berlin	Santini, — 8° 465	14.21	28.0	
5327	69 364	Königsberg, Lorek	Weisse, 759, B. Z. 105 u. 134	14.24	25.8	
5328	69 364	Königsberg, Sievers	Weisse, 763, B. Z. 134	21.74	45.3	
5329	69 364	Königsberg, Lorek	Albany A. G. C. 8149	40.40	51.4	
5330	84 237	Berlin, Knorre	Glasgow Cat. I 6286	50.09	13.0	
6331	94 285	Berlin, Tietjen	Glasgow Cat. I 6288	51.69	59.0	{ Σ 3036 in Pulkowa seq. bor. maj. beob. A. N. erwähnt keine Duplicität. Siehe Noten.
6332	69 79	Berlin, Romberg	Weisse, 831, B. Z. 384	34.18	3.8	
6333	86 215	Berlin, Knorre	Pulkowa Cat. 1875.0 5553	36.08	48.4	
6334	92 363	Hamburg	Pulkowa Cat. 1875.0 5555	7.02	....	
6335	69 79	Berlin, Romberg	Göttingen Cat. I. 6516-17	10.67	47.8	
6336	84 237	Berlin, Knorre	Leiden Merid. Beob.	17.04	3.6	
6337	111 58	Hamburg, Schrader	Santini, 2670	54.05	58.4	
6338	96 317	Kremsmünster	Rümker 11565	54.06	1.8	
6339	111 179 u. 222	Berlin, Knorre	Trettenero 1394	57.77	11.7	
6340	94 285	Berlin, Tietjen	Yarnall 10775	57.91	7.4	
6341	81 76	Berlin	Schjellerup 9836	12.81	11.4	{ E. B. — 08.011 — 0"19 nach Porter Prop. Mot. 1324. E. B. approx. — 08.010 — 0".19 nach A. N. 111 63 Weisse, 821, B. Z. 105, 278.77, 50".3; 8 <sup>m</sup> .
6342	88 136	Wien, Holetschek	Yarnall 10777	13.68	22.1	
6343	69 362	Königsberg, Sievers	Rümker 11576	13.68	23.9	
6344	109 382	Pulkowa, Romberg	B. D. — 11° 6139	23.3	15'6	
6345	111 63 u. 267	Albany, Egbert	Rümker 11582	27.49	54"2	
6346	81 343	Berlin	Kam 4793	27.40	56.5	
6347	94 283	Berlin, Schmidt	Küstner 657	29.64	31.9	
6348	86 111	Hamburg, Pechüle	Göttingen Cat. II 6784	29.89	37.3	
6349	84 237	Berlin, Knorre	.....	.....	.....	
6350	82 379, 84 182, 86 83	Leipzig, Engelmann	.....	.....	.....	
5351	94 239	Kremsmünster	B. D. — 8° 6191	39.8	17'8	
5352	69 79	Berlin, Romberg	Schjellerup 9839	51.71	11"0	
5353	84 237	Berlin, Knorre	Yarnall 10789	55.65	38.5	
5354	84 182, 82 379	Leipzig, Engelmann	Schjellerup 9840	55.56	39.6	
5355	81 76	Berlin	Kam 4794	2.72	41.1	
5356	69 362, 111 290	Königsberg, Sievers	Weisse, 839, B. Z. 105	3.12	40.5	
5357	69 364	Königsberg, Sievers	Schjellerup 9841	7.06	28.4	
5358	81 76	Berlin	Schjellerup 9844	21.27	59.3	
5359	94 239	Kremsmünster	B. D. — 8° 6195	21.0	26'7	
5360	111 29	Cordoba	Göttingen Cat. II 6793	46.12	47"2	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHÉ		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800	+											
6361	— 10°6172	9.3	....	...	.....	79.0	23 <sup>h</sup> 42 <sup>m</sup> 48 <sup>s</sup> 00	..	+ 3.0903	— 0.0045	+ 0.010	— 10° 12' 51" 4	..	19" 998	+ 0" 025	— 0" 17	
6362	.....	...	....	6.8	77.79	75.0	42 50.63	1	3.1266	— 0.0159	+ 0.014	— 28 32 51.9	1	19.998	0.026	— 0 13	
6363	— 16 6373	6.3	6.7	6.7	74.88	70.0	43 4.10	2	3.1016	— 0.0081	+ 0.011	— 16 33 19.2	2	19.999	0.025	— 0.17	
6364	» »	»	....	6.8	81.72	80.0	4.16	3	»	»	»	18.4	3	»	»	»	
6365	— 4 5964	9.0	....	...	72.27	70.0	43 31.25	2	3.0794	— 0.0013	+ 0.010	— 4 16 56.4	2	20.002	0.024	— 0.17	
6366	+ 7 5089	9.5	9.6	9.5	73.79	73.0	43 33.61	2	3.0601	+ 0.0047	+ 0.010	+ 7 14 9.6	2	20.003	0.024	— 0.17	
6367	» »	»	....	...	.....	73.0	33.66	2	»	»	»	7.6	2	»	»	»	
6368	— 0 4574	9.5	10	...	74.93	70.0	43 48.92	2	3.0725	+ 0.0009	+ 0.010	— 0 9 39.3	2	20.004	0.023	— 0.17	
6369	+ 28 4653	9.2	....	9.3	71.70	70.0	44 4.94	1	3.0215	+ 0.0168	+ 0.014	+ 28 39 10.8	1	20.006	0.022	— 0.16	
6370	— 3 5717	9.4	9-10	...	76.94	75.0	44 17.64	1	3.0776	— 0.0007	+ 0.010	— 3 20 13.0	1	20.007	0.022	— 0 17	
6371	— 13 6472	8.6	....	9	81.87	80.0	44 28.95	4	3.0940	— 0.0062	+ 0.011	— 13 30 59.0	4	20.008	0.022	— 0 17	
6372	— 10 6179	9.7	....	...	.....	79.0	44 47.65	..	3.0879	— 0.0043	+ 0.010	— 9 59 53.4	..	20.010	0.021	— 0.17	
6373	— 6 6303	8.7	....	8	72.72	70.0	45 20.14	1	3.0818	— 0.0023	+ 0.010	— 6 22 27.5	1	20.013	0.020	— 0 17	
6374	+ 2 4725	6.5	7.8	6.6	67.78	65.0	45 33.92	2	3.0690	+ 0.0022	+ 0.010	+ 2 14 8.9	2	20.014	0.020	— 0.17	
6375	— 4 5970	9.4	....	...	72.84	70.0	45 51.23	2	3.0786	— 0.0012	+ 0.010	— 4 25 53.9	2	20.016	0.019	— 0.17	
6376	+ 0 5064	8.3	8	...	75.02	70.0	45 52.64	2	3.0711	+ 0.0015	+ 0.010	+ 0 48 11.0	2	20.016	0.019	— 0.17	
6377	» »	»	....	8.3	63.38	65.0	52.71	..	»	»	»	12.2	..	»	»	»	
6378	— 3 5720	8.9	9	8-9	77.80	75.0	46 10.20	2	3.0766	— 0.0005	+ 0.010	— 3 3 45.9	2	20.018	0.018	— 0.17	
6379	— 1 4495	9.2	10	9-10	66.7	66.0	46 18.31	2	3.0743	+ 0.0003	+ 0.010	— 1 30 9.8	2	20.018	0.018	— 0.17	
6380	+ 34 5025	8.4	8.9	...	63.96	65.0	46 26.06	..	3.0183	+ 0.0208	+ 0.016	+ 34 16 37.6	..	20.019	0.017	— 0.16	
6381	— 11 6152	8.8	....	9	77.80	75.0	46 29.13	2	3.0883	— 0.0049	+ 0.010	— 11 30 46.2	2	20.019	0.018	— 0.17	
6382	» »	»	9	9	.....	84.0	29.16	..	»	»	»	44.9	..	»	»	»	
6383	— 17 6838	9.1	....	9	81.75	80.0	46 31.10	3	3.0965	— 0.0082	+ 0.011	— 17 10 29.3	3	20.019	0.018	— 0.17	
6384	» »	»	9	...	74.88	70.0	31.21	2	»	»	»	30.8	2	»	»	»	
6385	+ 1 4792	7.2	....	7.3	63.92	65.0	46 40.68	..	3.0704	+ 0.0019	+ 0.010	+ 1 23 45.3	..	20.020	0.017	— 0 17	
6386	+ 5 5230	8.5	8.5	8.5	83.98	80.0	46 44.78	2	3.0641	+ 0.0043	+ 0.010	+ 6 0 13.8	2	20.021	0.017	— 0 17	
6387	+ 34 5028	7.5	7.8	...	64.33	65.0	46 53.40	..	3.0200	+ 0.0209	+ 0.016	+ 34 21 32.5	..	20.021	0.017	— 0 16	
6388	+ 8 5137	8.8	8.9	9	73.99	70.0	47 5.84	2	3.0611	+ 0.0056	+ 0.010	+ 8 24 52.9	2	20.022	0.016	— 0.17	
6389	— 2 6057	9.4	9.0	9	83.18	80.0	47 25.32	2	3.0748	+ 0.0001	+ 0.010	— 1 58 44.9	2	20.024	0.016	— 0 17	
6390	» »	»	....	9	78.74	77.0	25.45	4	»	»	»	44.3	4	»	»	»	
6391	— 10 6192	7.8	....	8	.....	79.0	47 37.12	4	3.0850	— 0.0041	+ 0.010	— 9 58 55.9	4	20.025	0.016	— 0 17	
6392	» »	»	....	...	81.30	80.0	37.34	..	»	»	»	59 6.4	..	»	»	»	
6393	+ 8 5138	8.5	8.9	8.9	73.98	70.0	47 41.00	2	3.0615	+ 0.0056	+ 0.010	+ 8 31 55.3	2	20.025	0.015	— 0 17	
6394	— 6 6313	8.9	....	9	71.8	71.0	47 56.09	..	3.0802	— 0.0022	+ 0.010	— 6 24 54.4	..	20.026	0.015	— 0 17	
6395	+ 27 4641	9.5	....	...	.....	76.0	48 35.54	1	3.0376	+ 0.0140	+ 0.014	+ 27 32 3.7	1	20.029	0.013	— 0 16	
6396	— 5 6081	7.5	....	8	66.77	65.0	48 43.14	..	3.0784	— 0.0015	+ 0.010	— 5 21 48.3	..	20.030	0.013	— 0 17	
6397	+ 69 1372	8.6	....	8.8	78.86	77.0	48 57.38	3	2.8948	+ 0.0741	+ 0.107	+ 70 3 32.6	4	20.031	0.012	— 0 14	
6398	+ 7 5100	8.8	....	8-9	82.75	82.0	49 11.17	9	3.0637	+ 0.0053	+ 0.010	+ 7 41 5.4	10	20.032	0.012	— 0 17	
6399	» »	»	8.8	8.8	82.73	82.0	11.19	13	»	»	»	4.7	13	»	»	»	
6400	» »	»	8.8	...	82.80	82.0	11.43	5	»	»	»	6.2	4	»	»	»	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
6361	96 317	Kremsmünster	B. D. — 10° 6172	48.4	12' 8	
6362	92 249	Pola, J. Palisa	Cordoba G. C. 32169	50.65	50''6	
6363	86 215	Berlin, Knorre	Arg.-Weiss 18125	3.29	16.2	
6364	111 58	Hamburg, Schrader	Cordoba G. C. 32174	4.07	18.6	
6365	81 76	Berlin	Göttingen Cat. II 6799	31.01	55.0	
6366	82 379, 84 182	Leipzig, Engelmann	B. B. VI 5089	33.59	5.7	
6367	86 314, 107 107	Leiden, E. Bakhuyzen	.....	.....	.....	
6368	86 215	Berlin, Knorre	B. D. — 0° 4574	47.9	9' 0	
6369	81 76	Berlin	B. B. VI 4653	4.83	19''6	Siehe Noten.
6370	92 249	Pola, J. Palisa	B. D. — 3° 5717	18.5	20' 1	
6371	111 58	Hamburg, Schrader	Weisse, 883, B. Z. 189	29.31	1''0	Siehe Noten.
6372	96 316	Kremsmünster	B. D. — 10° 6179	49.0	60' 1	
6373	81 76	Berlin	Glasgow Cat. I 6329	20.16	28''7	
6374	72 116	Berlin, Romberg	Albany A. G. C. 8179	33.87	7.9	
6375	81 76	Berlin	B. D. — 4° 5970	51.6	26' 4	
6376	86 215	Berlin, Knorre	Kam 4808-9	52.84	11''1	
6377	69 79	Berlin, Romberg	Pulk. Obs. Vol. VIII	52.59	9.9	
6378	92 249	Pola, J. Palisa	[p. 353 Nr. 1381 Lalande 46768	10.72	50.1	
6379	68 75	Wien	Trettenero 1397	18.33	10.1	
6380	69 79	Berlin, Romberg	Leiden A. G. Z. 127, 389	26.05	33.0	
6381	92 249, 94 283	Pola, J. Palisa	Weisse, 923, B. Z. 127 u. 129	29.23	45.9	
6382	100 382	Pulkowa	Santini, 2683	28.85	46.5	
6383	111 58	Hamburg, Schrader	Arg.-Weiss 18153	31.12	27.9	
6384	86 215	Berlin, Knorre	.....	.....	.....	
6385	69 79	Berlin, Romberg	Albany A. G. C. 8183	40.68	44.2	
6386	111 179	Berlin, Knorre	Yarnall 10830	44.72	14.7	
6387	69 79	Berlin, Romberg	Leiden A. G. Z. 135, 221	53.46	30.4	
6388	84 239	Berlin, Knorre	Weisse, 938, B. Z. 210	5.92	52.5	
6389	111 181	Berlin, Knorre	Trettenero 1399	25.14	44.2	
6390	94 285	Kremsmünster	Weisse, 944, B. Z. 112	25.23	45.0	
6391	96 317	Kremsmünster	Weisse, 949, B. Z. 186	37.56	9.3	
6392	111 58	Hamburg, Schrader	Santini, 2685	37.08	6.6	
6393	84 239	Berlin, Knorre	Rümker 11724	40.98	55.3	
6394	79 110	Washington	Weisse, 958, B. Z. 105	55.98	56.6	
6395	89 265	Marseille, Stéphan	B. D. + 27° 4641	32.6	32' 9	
6396	69 79	Berlin, Romberg	Weisse, 973, B. Z. 105	43.25	49''6	Karlsruhe Beob. Heft IV, S. 169, 428.89. 47''.9; 7m.5.
6397	94 283	Berlin, Steinbrink	Christiania A. G. C. 3892	57.50	33.8	Siehe Noten.
6398	107 321	Helsingfors, Donner	Weisse, 981, B. Z. 120	11.51	5.9	
6399	105 57	Pulkowa, Romberg	.....	11.22	6.4	
6400	104 329	Königsberg, Rahts	.....	.....	.....	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE			EPOCHEN		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0			
		NACH			DER				Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.	
		B. D.	A. N.	Quelle.	Beob.	Pos.											
					1800	+											
6401	+ 7°5101	7.0	....	7.0	73.86	73.0	23 <sup>h</sup> 49 <sup>m</sup> 14 <sup>s</sup> 14	2	+ 3 <sup>s</sup> 0639	+0 <sup>s</sup> 0052	+0 <sup>s</sup> 010	+ 7°31' 40'' 6	2	20 <sup>m</sup> 032	+0 <sup>m</sup> 013	— 0 <sup>m</sup> 17	
6402	» »	»	8.9	7.0	73.89	70.0	14.16	3	»	»	»	39.6	3	»	»	»	
6403	» »	»	7.6	7	73.79	73.0	14.17	2	»	»	»	42.3	2	»	»	»	
6404	» »	»	....	...	73.82	75.0	14.22	1	»	»	»	42.2	1	»	»	»	
6405	+ 1 4805	9.0	....	8.9	64.71	65.0	50 6.59	2	3.0710	+0.0020	+0.010	+ 1 13 27.3	2	20.035	0.011	— 0.17	
6406	+ 0 5071	8.7	....	8.7	63.7	63.0	50 8.27	1	3.0717	+0.0016	+0.010	+ 0 33 16.9	1	20.036	0.011	— 0.17	
6407	+ 2 4734	8.5	....	8.6	63.62	65.0	50 21.71	3	3.0693	+0.0029	+0.010	+ 3 2 43.3	3	20.036	0.010	— 0.17	
6408	— 3 5735	8.8	9	9-10	66.90	65.0	50 39.57	1	3.0757	—0.0005	+0.010	— 3 40 17.2	1	20.037	0.010	— 0.17	
6409	— 3 5736	8.8	8.9	8-9	66.88	65.0	50 39.85	1	3.0754	—0.0004	+0.010	— 3 18 31.9	1	20.038	0.010	— 0.17	
6410	— 13 6490	8.3	9	9	84.6	84.0	50 40.64	..	3.0855	—0.0059	+0.011	—13 39 26.1	..	20.038	0.010	— 0.17	
6411	— 6 6324	8.0	....	8.0	71.8	71.0	50 44.57	..	3.0781	—0.0018	+0.010	— 6 9 8.2	..	20.038	0.010	— 0.17	
6412	— 7 6116	9.0	....	...	69.66	70.0	50 46.57	2	3.0794	—0.0026	+0.010	— 7 36 38.9	2	20.038	0.009	— 0.17	
6413	.....	...	10	12	74.92	70.0	51 0.80	2	3.0720	+0.0015	+0.010	+ 0 13 12.2	2	20.039	0.009	— 0.17	
6414	— 8 6215	8.0	....	...	70.7	70.0	51 21.70	1	3.0794	—0.0029	+0.010	— 8 4 15..	..	20.040	0.008	— 0.17	
6415	— 6 6329	7.7	....	7.7	71.8	71.0	51 22.90	..	3.0777	—0.0018	+0.010	— 6 9 15.7	..	20.040	0.008	— 0.17	
6416	+ 0 5072	9.5	9	11	75.35	80.0	51 43.79	2	3.0720	+0.0016	+0.010	+ 0 18 7.0	2	20.041	0.008	— 0.17	
6417	+ 2 4739	8.5	8.5	8.6	65.31	65.0	51 59.55	2	3.0699	+0.0029	+0.010	+ 2 52 25.9	2	20.042	0.007	— 0.17	
6418	+ 7 5107	8.5	8.6	8.5	73.7	73.0	52 0.83	2	3.0662	+0.0053	+0.010	+ 7 23 21.3	2	20.042	0.007	— 0.17	
6419	+ 8 5153	8.7	8.5	...	73.86	73.0	52 25.01	1	3.0654	+0.0061	+0.010	+ 8 51 18.1	1	20.043	0.006	— 0.17	
6420	» »	»	....	8-9	71.8	71.0	25.35	2	»	»	»	21.2	..	»	»	»	
6421	— 3 5741	7.3	7	7.3	66.95	65.0	53 6.90	1	3.0747	—0.0003	+0.010	— 3 32 21.9	1	20.045	0.005	— 0.17	
6422	+ 28 4683	8.7	....	8	70.76	75.0	53 12.81	1	3.0509	+0.0174	+0.014	+28 21 42.0	1	20.045	0.004	— 0.17	
6423	— 2 6072	8.1	8.9	8	67.70	65.0	53 24.17	2	3.0741	0.0000	+0.010	— 2 48 27.8	2	20.046	0.004	— 0.17	
6424	— 2 6073	8.8	8.5	10	83.98	80.0	53 26.43	2	3.0735	+0.0005	+0.010	— 1 53 44.3	2	20.046	0.004	— 0.17	
6425	+ 7 5111	9.0	9	...	73.99	70.0	53 27.59	2	3.0672	+0.0055	+0.010	+ 7 34 5.4	2	20.046	0.004	— 0.17	
6426	» »	»	8.9	...	73.78	73.0	27.63	2	»	»	»	6.9	2	»	»	»	
6427	» »	»	....	...	73.78	70.0	27.69	1	»	»	»	5.4	1	»	»	»	
6428	+ 5 5245	8.3	....	7.6	63.38	65.0	53 30.25	2	3.0688	+0.0043	+0.010	+ 5 15 44.4	2	20.046	0.004	— 0.17	
6429	+ 0 5077	9.0	9	9.0	75.33	80.0	53 36.18	2	3.0720	+0.0017	+0.010	+ 0 23 33.8	2	20.046	0.004	— 0.17	
6430	+ 27 4661	8.9	9-10	...	70.7	70.0	54 6.40	..	3.0540	+0.0173	+0.014	+27 59 2.3	..	20.048	0.003	— 0.17	
6431	+ 0 5080	8.8	8.5	...	74.93	70.0	54 10.22	..	3.0720	+0.0018	+0.010	+ 0 22 10.7	2	20.048	0.003	— 0.17	
6432	+ 2 4744	8.8	8.8	9.0	64.83	65.0	54 16.07	1	3.0707	+0.0029	+0.010	+ 2 38 27.0	1	20.048	0.003	— 0.17	
6433	+ 7 5117	9.2	9.2	9.7	82.76	82.0	54 55.85	4	3.0683	+0.0056	+0.010	+ 7 41 52.2	4	20.049	0.003	— 0.17	
6434	» »	»	....	...	82.75	82.0	55.94	3	»	»	»	52.3	3	»	»	»	
6435	» »	»	9.2	...	82.79	82.0	56.15	5	»	»	»	52.6	5	»	»	»	
6436	+ 4 5080	9.0	9	8.7	66.00	65.0	55 11.72	2	3.0701	+0.0039	+0.010	+ 4 21 33.6	2	20.050	0.001	— 0.17	
6437	— 3 5749	5.3	6.5	5.0	66.91	66.0	55 25.06	2	3.0740	—0.0003	+0.010	— 3 43 23.0	2	20.050	0.000	— 0.17	
6438	» »	»	5.6	4.1	66.90	65.0	25.12	1	»	»	»	21.8	1	»	»	»	
6439	+ 11 5087	8.6	....	...	67.78	65.0	55 32.53	2	3.0667	+0.0079	+0.010	+11 57 35.7	2	20.050	0.002	— 0.17	
6440	— 3 5750	7.2	7	6.0	66.84	73.0	55 38.10	2	3.0738	—0.0002	+0.010	— 3 27 43.6	2	20.051	0.000	— 0.17	

NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
6401	86 314	Leiden, E. Bakhuyzen	Yarnall 10857	14 <sup>s</sup> 19	40 <sup>m</sup> 9	
6402	84 239	Berlin, Knorre	Pulkowa Cat. 1875.0 5589	14.17	40.6	
6403	82 379, 84 182, 82 287	Leipzig, Engelmann	Glasgow Cat. I 6352	14.17	40.8	
6404	86 111 u. 83	Hamburg, Pechüle	Schjellerup 9920	14.14	40.6	
6405	69 79	Berlin, Romberg	Albany A. G. C. 8203	6.62	25.1	
6406	68 263	Wien	Pulkowa Obs. Vol. VIII [p. 353, 1386]	8.17	14.8	
6407	69 79	Berlin, Romberg	Albany A. G. C. 8204	21.62	42.4	
6408	69 79	Berlin, Romberg	Rümker 11781	39.39	20.0	Brüssel 10715, 39 <sup>s</sup> .33, 17 <sup>m</sup> .6; 8 <sup>m</sup> .5.
6409	69 80	Berlin, Romberg	Lalande 46930	38.67	24.2	
6410	111 29	Cordoba	Weisse, 1014, B. Z. 189	40.66	33.1	Santini, 2230, 40 <sup>s</sup> .29, 28 <sup>m</sup> .8; 8-9 <sup>m</sup> .
6411	79 110	Washington	Karlsru. Beob. Heft II S. 213	44.64	9.9	
6412	81 76	Berlin	A.N. 74 195, Mikr. Anschl.	46.23	36.3	
6413	86 217	Berlin, Knorre	Harvard Z. 22 u. 23 Nr. 74	0.82	15.0	
6414	77 367	Durham, Plummer	Küstner 664	21.53	15.1	Bloss in A. R. scharf bestimmt.
6415	79 110	Washington	Karlsru. Beob. Heft II S. 213	23.05	13.4	
6416	88 29	Berlin Knorre u. [Becker]	Harvard Z. 24 u. 25 Nr. 44	43.91	6.5	
6417	69 80	Berlin, Romberg	Albany A. G. C. 8213	59.48	25.8	
6418	84 182, 82 379	Leipzig, Engelmann	Küstner 665	0.92	21.7	
6419	83 136	Wien, Holetschek	Göttingen Cat. II 6862	25.42	20.7	
6420	79 13	Genf, J. Palisa	Rümker 11818	25.36	21.2	Bloss in A. R. scharf bestimmt.
6421	69 80	Berlin, Romberg	Karlsru. Beob. Heft II S. 207	6.84	24.4	
6422	81 76	Berlin	Rümker 11837	12.97	41.0	
6423	72 116	Berlin, Romberg	Lalande 47042	23.78	22.5	
6424	111 181	Berlin, Knorre	M, 13163	26.35	42.9	
6425	84 239	Berlin, Knorre	.....	.....	.....	
6426	84 182, 82 278 u. 287	Leipzig, Engelmann	.....	.....	.....	
6427	84 244	Berlin, Tietjen	.....	.....	.....	
6428	69 80	Berlin, Romberg	Albany A. G. C. 8222	30.20	42.3	
6429	88 29	Berlin, Knorre u. [Becker]	Yarnall 10895	36.07	35.6	
6430	78 165	Kremsmünster	Lalande 47069	6.84	57.9	Scheinb. Ort. 1870 Oct. 3. Red. — 2 <sup>s</sup> .693 — 17 <sup>m</sup> .34. [Siehe Noten.]
6431	86 217	Berlin, Knorre	Yarnall 10901	10.26	11.6	
6432	69 80	Berlin, Romberg	Albany A. G. C. 8225	16.04	26.6	
6433	105 59	Pulkowa, Romberg	Melbourne Cat. II 1206	55.90	53.2	
6434	107 321	Helsingfors, Donner	.....	.....	.....	
6435	104 329	Königsberg, Rahts	.....	.....	.....	
6436	69 80	Berlin, Romberg	Albany A. G. C. 8229	11.50	32.3	
6437	69 102, 68 221	Leipzig, Engelmann	Cordoba G. C. 32379	25.05	22.9	A. N. 68 A. R. um 0 <sup>s</sup> .02 gröss., Decl. um 0 <sup>m</sup> .1 süd.
6438	69 80	Berlin, Romberg	Greenw. 10 Y. Cat. 4046	25.06	25.0	E. B. nach Greenw. Cat. — 0 <sup>s</sup> .0002 — 0 <sup>m</sup> .002.
6439	72 116	Berlin, Romberg	Kam 4859	32.47	37.3	
6440	69 80	Berlin, Romberg	Yarnall 10913	38.12	43.5	

NUM- MER.	NUMMER der nördl. u. südl. Bonner Durchmus- terung.	GRÖSSE NACH			EPOCHEN DER		MITTLERE A.R. 1875.0	ZAHL DER BEOB.	PRAECESSION IN A.R. 1875.0			MITTLERE DECLIN. 1875.0	ZAHL DER BEOB.	PRAECESSION IN DECL. 1875.0		
		B. D.	A. N.	Quelle.	Beob.	Pos.			Var. annua.	Var. saec.	3. Glied.			Var. annua.	Var. saec.	3. Glied.
					1800 +											
6441	— 3°5750	7.2	7.7	7½	73.96	73.0	23 <sup>h</sup> 55 <sup>m</sup> 38 <sup>s</sup> 13	2	+ 3 <sup>s</sup> 0738	— 0 <sup>s</sup> 0002	+ 0 <sup>s</sup> 010	— 3°27' 43" 9	2	20" 051	0" 000	— 0" 17
6442	+ 10 5022	8.5	....	9	77.85	77.0	55 57.63	1	3.0680	+ 0.0071	+ 0.010	+ 10 18 41.1	1	20.051	— 0.001	— 0.17
6443	+ 7 5120	8.5	8.9	9	73.84	70.0	56 4.69	3	3.0692	+ 0.0057	+ 0.010	+ 7 41 56.0	3	20.051	— 0.001	— 0.17
6444	+ 7 5122	9.5	9.5	...	73.82	73.0	56 16.48	2	3.0694	+ 0.0056	+ 0.010	+ 7 31 3.8	2	20.052	— 0.001	— 0.17
6445	+ 27 4667	8.0	....	8.0	72.7	72.0	56 16.65	2	3.0608	+ 0.0173	+ 0.014	+ 27 50 48.0	2	20.052	+ 0.001	— 0.17
6446	+ 10 5023	8.5	8.5	9	83.98	80.0	56 17.37	2	3.0683	+ 0.0070	+ 0.010	+ 10 12 41.4	2	20.052	— 0.001	— 0.17
6447	» »	»	....	9	78.74	77.0	17.40	5	»	»	»	47.7	5	»	»	»
6448	+ 15 4928	9.0	....	...	76.78	76.0	56 19.61	2	3.0664	+ 0.0099	+ 0.011	+ 15 21 8.5	2	20.052	— 0.001	— 0.17
6449	+ 1 4820	7.7	7.7	7.4	64.76	65.0	56 22.57	1	3.1717	+ 0.0024	+ 0.010	+ 1 26 15.1	1	20.052	+ 0.001	— 0.17
6450	+ 2 4748	8.5	8.5	8.6	64.96	65.0	56 34.27	2	3.0713	+ 0.0031	+ 0.010	+ 2 41 9.8	2	20.052	— 0.002	— 0.17
6451	+ 2 4747	9.0	9.2	9.2	64.80	65.0	56 37.28	1	3.0714	+ 0.0030	+ 0.010	+ 2 33 58.4	1	20.052	— 0.002	— 0.17
6452	+ 7 5123	8.5	8.0	8	73.78	73.0	56 39.91	2	3.0697	+ 0.0057	+ 0.010	+ 7 34 36.6	2	20.052	— 0.002	— 0.17
6453	+ 7 5129	9.4	9.2	...	73.77	73.0	58 58.89	2	3.0714	+ 0.0059	+ 0.010	+ 7 42 47.8	2	20.054	— 0.006	— 0.17
6454	» »	»	8.5	...	73.99	70.0	58.90	2	»	»	»	46.4	2	»	»	»
6455	» »	»	....	...	73.78	70.0	59.00	1	»	»	»	48.1	1	»	»	»
6456	+ 12 5064	8.4	....	9	67.70	....	59 34.68	2	3.0717	+ 0.0082	+ 0.010	+ 12 10 42.9	2	20.054	— 0.008	— 0.17
6457	+ 9 5319	9.0	9.0	9	82.74	82.0	59 38.40	10	3.0719	+ 0.0067	+ 0.010	+ 9 10 0.0	10	20.054	— 0.008	— 0.17
6458	» »	»	....	9.6	82.73	82.0	38.43	4	»	»	»	9 58.8	4	»	»	»
6459	» »	»	9.0	...	82.79	82.0	38.56	4	»	»	»	10 0.5	4	»	»	»
6460	— 2 6098	8.5	....	8-9	72.72	70.0	59 49.06	2	3.0723	+ 0.0005	+ 0.010	— 2 34 53.7	2	20.054	— 0.008	— 0.17



NUM- MER.	BAND UND SEITE DER ASTR. NACHR.	BEOB. ORT UND BEOBACHTER.	N A M E N DER VERGLICHENEN QUELLEN.	SECUNDEN DER QUELLE.		B E M E R K U N G E N.
				A.R.	Decl.	
6441	84 182	Leipzig, Engelmann	Cordoba G. C. 32385	38.11	43.7	
6442	94 291	Berlin, Tietjen	M <sub>1</sub> 32972	57.53	43.6	
6443	84 239, 86 83	Berlin, Knorre	Schjellerup 9966	4.61	56.3	
6444	84 182, 82 379	Leipzig, Engelmann	B. D. + 7° 5122	15.2	31.5	
6445	81 63	Königsb., Oppenheim	Armagh Cat. II 3287	16.54	46.7	
6446	111 181	Berlin, Knorre	M <sub>2</sub> 13181	17.33	41.0	
6447	94 291	Kremsmünster	Weisse <sub>1</sub> 1139, B. Z. 29	17.75	45.2	
6448	94 285	Berlin, Tietjen	Weisse <sub>1</sub> 1141, B. Z.	19.75	13.2	
6449	69 80	Berlin, Romberg	Albany A. G. C. 8232	22.52	13.7	
6450	69 80	Berlin, Romberg	Albany A. G. C. 8234	34.13	8.4	
6451	69 80	Berlin, Romberg	Albany A. G. C. 8235	37.30	0.2	
6452	84 183, 82 278 u. 379	Leipzig, Engelmann	Rümker 11918	39.86	36.4	
6453	84 183, 82 278, 287, 84 42	Leipzig, Engelmann	B. D. + 7° 3729	57.8	42.8	
6454	84 239	Berlin, Knorre	.....	.....	.....	
6455	84 244	Berlin, Tietjen	.....	.....	.....	
6456	72 116	Berlin, Romberg	Schjellerup 9990	34.40	44.2	
6457	105 59	Pulkowa, Romberg	Weisse <sub>1</sub> 1203, B. Z. 29 u. 120	38.38	1.1	
6458	107 321	Helsingfors, Donner	Melbourne Cat. II 1211	38.46	1.5	
6459	104 329	Königsberg, Rahts	.....	.....	.....	
6460	81 76	Berlin, Tietjen	Trettenero 1424	49.05	52.3	







## Noten zum vorstehenden Catalog.

Nr.

- 7 Eigenbewegung  $+ 0^s.019 - 0''.02$  nach Porter Cat. Prop. Mot. Nr. 7.  
 $+ 0.0231 - 0.047$  „ Stumpe A. N. 125, S. 395.
- 18 Der Stern hat wahrscheinlich E. B. wie folgende Positionen zeigen:
- |  |               |                                |             |
|--|---------------|--------------------------------|-------------|
| Lalande 47378                                    | $9^m 0^h 3^m$ | $33^s.84 + 7^\circ 52' 61''.3$ | 1794.9      |
| Weisse <sub>1</sub> O <sup>h</sup> 25, B. Z. 111 |               | 33.62                          | 56.8 1824.8 |
| Paris Cat. <sub>2</sub> 77                       | 8-9           | 33.01                          | 58.1 1857.8 |
| Kam 19 A. N. 56, 111                             |               | 33.34                          | 61.3 1861.8 |
| Paris Cat. <sub>3</sub> 77                       | 8-9           | 33.12                          | 57.0 1874.8 |
- 32 In keinem andern Catalog verzeichnet; der Unterschied mit Bessel in A. R. daher nicht zu entscheiden. Nach B. D. scheint die A. R. in A. N. richtig zu sein. Bessel's Ort nach Weisse ist A. N. 101, S. 196 für den Planeten (152) Atala benutzt, die Position des Planeten ist jedoch zwischen Klammern mitgetheilt worden, weil eine Neubestimmung des Vergleichsterns wünschenswerth war. Die Neubestimmung ist der im Catalog angegebene Ort.
- 42 Der Ort nach A. Ö. 90 ist für 1875.0:  $0^h 6^m 10^s.42 + 56^\circ 31' 57''.4$ ; 8<sup>m</sup>.
- 44 Dieser Stern ist mehrere Male vergebens von Herrn Observator Wilterdink am Himmel gesucht. Dr. Peter hat die Beobachtung in den Tagebüchern nachgesucht, und gefunden dass die Meridian-Beob. dem Planeten (90) Antiope angehört. Nach dieser Mittheilung ist die scheinbare Position des Planeten für 1866 Oct. 6:  $0^h 5^m 52^s.60 - 2^\circ 51' 11''.0$ , Culminationszeit Leipzig.  
 Cf. auch A. N. 134, S. 223.
- 48 Von Herrn Wilterdink an mehreren Abenden vergebens am Himmel gesucht. Dr. Peter hat mir nachher mitgetheilt, dass die Meridianbeob. dem Planeten (90) Antiope angehört. Danach ist der scheinbare Ort dieses Planeten für 1866 Oct. 5:  $0^h 6^m 36^s.21 - 2^\circ 47' 42''.2$  Grösse 11.7, gültig für die Culminationszeit Leipzig. Cf. A. N. 134, S. 223.
- 50 Die angegebene Position in den A. N. ist nicht richtig; nach den Tagebüchern ist der Ort nach beiden Bestimmungen:
- |        |  |  |
|--------|--|--|
| 1866.0 | $0^h 6^m 46^s.45 - 2^\circ 44' 54''.3$ | } Mittel $46^s.54, 54''.1$ statt $50^s.09, 31''.0$ |
|        | $46.62 \quad 53.9$                     |  |
- wie Herr Wilterdink nachgewiesen hat. Diese Correctur wird bestätigt durch den Dunsink Cat.

Nr.

- 53 Mehrere Male von Herrn Wilterdink am Himmel vergebens gesucht. Dr. Peter theilte mir nachher mit, dass die Meridianbeob. eine sehr unsichere Bestimmung des Planeten Antiope betrifft. Die scheinbare Position dieses Planeten ist hiernach für 1866 Oct. 4:  $0^h 7^m 16^s.17 - 2^\circ 42' 7''.0$  Grösse 11.8, gültig für die Culminationszeit in Leipzig. Cf. auch A. N. 134, S. 223.
- 80 Nach Argelander's Cat. von 250 Sternen Nr. 3 beträgt die E. B.  $+ 0^s.0070 + 0''.025$ .
- 87 Die Existenz dieses Sterns ist durch einen annähernd von Herrn Wilterdink angestellten Mikr.-Anschluss an B. D.  $+ 3^\circ 28, 9^m.2$ , am 16 Jan. 1892 gesichert.
- 118 B. B. VI Seite [36] wird diese Correctur von Argelander angegeben und bestätigt durch Weisse<sub>1</sub>  $0^h.243$ , B. Z. 40 dessen Ort für 1875.0:  $0^h 15^m 23^s.93 + 0^\circ 13' 30''.2; 9^m$ .
- 139 Durch Mikr.-Anschluss an B. D.  $- 4^\circ 43 =$  Weisse<sub>1</sub>  $0^h.300$ , von Herrn Wilterdink in Jan. 1892 annähernd bestimmt. Die geschätzte Grösse war 10.5.
- 177 Identificirt von Herrn Wilterdink am 16 Jan. 1892 durch Mikr.-Anschluss an B. D.  $+ 18^\circ 78, 9^m.5$ . Das Object war schwächer als  $10^e$  Grösse.
- 200 Zwei vollständig beobachteten Bonner Meridianbestimmungen B. B. VI  $+ 3^\circ.86$  geben den Ort für 1875.0 wie folgt:
- |        |                   |                    |                        |         |
|--------|-------------------|--------------------|------------------------|---------|
|        | 8 <sup>m</sup> .0 | $0^h 34^m 24^s.08$ | $+ 3^\circ 47' 32''.2$ | 1861.97 |
|        | 8 .5              | 24 .00             | 32 .9                  | 1863.91 |
| Albany | 8 .2              | 23 .98             | 31 .6                  | 1879.9  |
- Albany-Lal.  $- 0^s.30 - 4''.5$  (Albany A. G. C. p. 172), sodass die vermuthete E. B. nicht bestätigt wird.
- 223 Der Unterschied zwischen den Positionen A. N. 69 und 70 rührt von einem andern Coördinatensystem, dem Schönfeldschen, her, auf welches der Ort A. N. 70 bezogen ist.
- 272 Von Watson bestimmt während dessen Aufenthalt in China, für die Beobachtung des Venusvorübergangs. Der Ort des Vergleichsterns ist abgeleitet aus dem Unterschied Planet  $- *$ . Die Declination beruht auf 38 Cassiopeiae. Weisse  $0^h.807$ , B. Z. 29 giebt für 1875.0:  $0^h 47^m 19^s.43 + 10^\circ 26' 41''.1, 9^m$ , sodass der starke Unterschied in A. R. mit Yarnall nicht aus E. B. erklärt werden kann.
- 279 Markree Cat. Vol. I, pag. 42 hat für 1875.0,  $0^h 47^m 59^s.5 + 6^\circ 1'.6, 10\frac{1}{2}^m$ ; also etwas weniger stark abweichend von A. N. als B. D.
- 283 Die A. R. soll statt  $32^s.52$  heissen  $13^s.85$ , wie Dr. Peter mir brieflich mitgetheilt hat. Die Correctur ist nachher A. N. 134 S. 224 von Dr. P. publicirt.
- 298 A. R. in A. N. um  $+ 10^s$  corrigirt. Diese Berichtigung wird bestätigt durch die entsprechende Helsingforscher Beob. des Cometen II 1870 am 26 Sept. dieses Jahres, und durch die Position Berlin A. G. C. B. 293;  $0^h 50^m 34^s.44 + 24^\circ 36' 54''.4, 1875.0$ .
- 306 E. B.  $+ 0^s.018 - 0''.12$  nach Porter Prop. Mot. Nr. 79.  
 $+ 0.0202$  ? „ Paris Cat. 1230  
 Lalande 1635 8-9<sup>m</sup> hat für 1875.0:  $0^h 51^m 11^s.16 + 29^\circ 38' 40''.0$   
 Rümker 232 „ „ „ 12.09 32 .6

Nr.

Hieraus geht hervor, dass Paris Cat.<sub>3</sub> 1230 in Declin. um  $-20''$  zu corrigiren ist, wie auch Porter Cat. Prop. Mot. Stars p. 23, angenommen hat.

313-6 Deutet schwache E. B. an

326 Genäherter Ort durch Mikrom.-Anschluss an B. D.  $+5^{\circ}131 = \text{Greenw. 9 Year Cat. Nr. 88}$  von Herrn Wilterdink am 16 Jan. 1892 bestimmt.

345 E. B.  $+0^{\circ}.0325 + 0''.211$  nach Dr. Bischof's Inaug. Dissertation S. 16, Nr. 261.

353 Herr Prof. Holetschek theilt mir mit, „Stern im beleuchteten Felde schwierig zu beobachten.“

357 Genäherter Ort durch Mikrom.-Anschluss an B. D.  $+27^{\circ}166; 8^{\text{m}}.7 = \text{Weisse}_2 1415$  von Herrn Wilterdink am 16 Jan. 1892 bestimmt.

365-66 In keinem anderen Catalog. Da Kremsmünster und B. B. VI gut stimmen und die Berliner Mer. Beob. ebenso übereinstimmen, hat der Unterschied vielleicht seinen Grund in E. B.

396 Bei der Vergleichung dieses Sterns, sowie der Nummern 412 und 425, mit den Sternen A. N. 84 S. 43, daselbst mit den Nummern 49, 50 und 51 bezeichnet, fand ich diese drei ungefähr  $10''$  südlicher. Der Stern Nr. 50 ist mikrom. bestimmt worden durch Anschluss an Weisse  $0^{\text{h}}1082$ , daselbst Nr. 50<sup>a</sup> genannt, während die Nummer 49 und 51 an Nr. 50 angeschlossen worden sind. Den Stern Weisse<sub>1</sub>  $0^{\text{h}}1082$  reducirte ich aus Bessels Zonen 109, 134, 139, 259 mit Luthers Hülftafeln, und fand seinen Ort für 1873.0:  $1^{\text{h}}2^{\text{m}}2^{\text{s}}.46 - 6^{\circ}51'14''.3$ , also in A. R.  $0^{\text{s}}.06$  grösser, in  $\delta$   $11''.6$  nördlicher als in A. N. 84 S. 43. Hiernach habe ich die Nummern 49, 50 und 51 um  $+0^{\text{s}}.06$  und  $+11''.6$  corrigirt.

401 Nach brieflicher Mittheilung von Dr. Peter ist statt eines Fixsterns der Planet Irene beobachtet. Deswegen ist die Position in den A. N. der scheinbare Ort dieses Planeten für 29 September 1869:  $1^{\text{h}}2^{\text{m}}30^{\text{s}}.97 - 7^{\circ}43'21''.7$ , Culminationszeit Leipzig.

422 Die A. R. ist um  $+2^{\text{s}}$  corrigirt, wie Bessel's Zone und Berlin A. G. C. B. verlangen.

441 Die Declin. ist nach Albany A. G. C. um  $2'$  südlicher und da ich den Stern nirgends verzeichnet fand, hat Dr. E. F. v. d. S. Bakhuyzen eine Meridianbeob. angestellt, welche die Richtigkeit der Albany Declin. bestätigt. Es ergab sich aus der Leidener Mer.-Beob. für 1875.0:  $1^{\text{h}}9^{\text{m}}40^{\text{s}}.62 + 1^{\circ}36'16''.3$  Ep. 1893.7.

445 Kam 264 ist von Rümker (A. N. 38, 62) bestimmt; kein Reductionsfehler liegt vor bei der Uebertragung auf das Aequin. 1855.0.

511 Herr Wilterdink hat keinen Stern finden können, der dem Ort von den A. N. entspricht. Wohl beobachtete er zwei Sterne nämlich 1875.0:  $1^{\text{h}}20^{\text{m}}51^{\text{s}}.4 + 10^{\circ}40'.7$  und  $1^{\text{h}}20^{\text{m}}42^{\text{s}}.6 + 10^{\circ}33'.2$ . Ersterer ist identisch mit Nr. 505. Als ich Dr. J. Palisa hierüber um Aufschluss ersuchte, theilte er mir mit, dass die Originalbeobachtung  $+1^{\text{m}}$  Correctur verlangte. Herr A. Pannekoek hat an der von Palisa verbesserten Stelle ebenso wenig ein Object erblicken können, das mit dem corrigirten Ort in den A. N. stimmt. Eine Berichtigung von  $-5'$  in der Declin. führt auf den in der Col. Quelle angegebenen Stern aus Markree Cat. Jedenfalls ist der Ort nicht zu trauen.

Nr.

- 521 Der Unterschied mit Arg.-Weiss ist wohl bei Argelander zu suchen, da nach Mittheilung von Dr. Palisa in seinen 3 Bestimmungen kein Fehler zu entdecken war. Cincinnati Zones Nr. 199 giebt für 1875.0:  $1^h 23^m 59^s.14 - 20^\circ 14' 42''.1$ , also mit Palisa stimmend. Die Reduction aus der Zone auf 1850.0 ist richtig.
- 526 Die Bestimmung in Kremsmünster weicht in beiden Coordinaten stark von Nr. 527 ab, dessen Ort mit den angeführten Quellen leidlich stimmt; Weisse-Bessel scheint in A.R.  $1^s$  zu gross zu sein.
- 537 Kein Stern, wohl der Nebel war nach Herrn Wilterdinks Untersuchung mit dem Leidener 6 Zöller zu erblicken. Auf meiner Bitte hat Dr. Peter in den Beobachtungsjournalen die Engelmann'schen Beobachtungen nachgesucht, und mir brieflich das Resultat mitgetheilt das er auch nachher A.N. 134 S. 227 publicirt hat, wohin ich mir erlaube zu verweisen.
- 557-8 Kremsmünster weicht stark von Pola ab. Zur Entscheidung dieser Abweichung hat. Dr. E. F. v. d. S. Bakhuyzen den Stern Nov. 1893 im Meridian bestimmt, woraus die Richtigkeit von Palisa's Beob. hervorgeht. Palisa theilte mir um dieselbe Zeit mit, dass die Kremsmünster Bestimmung auch in Strasser's kleinen Catalog von 750 Sternen für 1870.0 Nr. 54 vorkommt. Nach dieser Quelle ist der Ort für 1875.0:  $1^h 31^m 24^s.35 - 8^\circ 22' 17''.6$ ; Grösse 9—10. Dr. Palisa glaubt dass die Declin. der Correctur  $+ 26''.0$  bedürft, und dadurch würde die Uebereinstimmung befriedigend werden.
- 588 Argelander's Declin. ist nach dem Catalog von Weiss um  $+1'$  verbessert. Der Einfluss auf die Refraction beträgt  $+0''.2$ , welche ich in Rechnung gezogen habe.
- 591 Die Correctur ist mir von Dr. Peter brieflich mitgetheilt.
- 604 Nach mehreren vergeblichen Versuchen ist es Herrn Pannekoek gelungen dieses äusserst schwache Object, das zur Zeit statt Niobe beobachtet ist, aufzufinden, und an B.D.  $+45^\circ 449'$  — B.D. gleich  $-19^s$  und  $-8'$ , mikrometrisch anzuschliessen.
- 632 Die Correctur wird durch die Berliner Beob. in Nr. 633 und durch die angeführten Quellen hinreichend constatirt.
- 649-50 Die Beobachtung aus Kremsmünster findet sich auch in Strasser's Liste Nr. 64 und giebt für 1875.0:  $1^h 47^m 1^s.25 - 15^\circ 2' 43''.1$ ,  $9^m$ . Die Declin. ist etwa  $2'$  nördlicher als in den A.N. Wird für die Declin. nach A.N. angenommen, dass die Epoche der Beob. 1 Jahr irrig ist (statt 1873, 1872), so würde die Declin. um  $17''.9$  nördlicher und also  $-15^\circ 4' 36''.9$  werden, wodurch die Uebereinstimmung mit Pola und Argelander leidlich wird.
- 661 Obgleich der Ort des Tempelschen Cometen II 1873 in Kremsmünster stimmt mit der fast gleichzeitig angestellten Beobachtung in Wien (A.N. 83 S. 183), (die Beob. Momenten sind nur eine halbe Minute verschieden, Wien später, stündliche Bewegung des Cometen  $+1^s.9 - 36''$ , woraus hervorgeht Wien-Kremsmünster  $-0^s.51 + 12''.7$ ), hat Herr Pannekoek keinen Stern finden können, welcher den Ort des Vergleichsterns, abgeleitet aus der Differenz Comet-Stern, entspricht. Der nächst passende Stern obgleich schwach ( $11^m$ ) steht für 1875.0 nach Pannekoek's Angaben auf  $1^h 48^m 14^s.98 - 12^\circ 29' 39''$ , also in A.R. gut aber in Declin.  $4'$  nördlicher als in A.N. Der Ort ist also noch keinswegen identificirt, und (es sei dass der Stern variabel ist) wenig zuverlässig.
- 746 Vergebens versucht den Unterschied von  $10''$  zwischen Berlin und Mikrometer-Anschluss in Wien zu erklären. Der in Wien benutzte Vergleichstern, Weisse, 1014, B.Z. 44 und die Position sind richtig auf 1874.0 reducirt.

Nr.

- 760 Dr. Knorre glaubt dass ein Versehen in der Epoche in der Reduction der Declin. auf 1880.0 in Kremsmünster denkbar sei. Nachher hat Dr. Battermann den Stern 3 Mal am Berliner Meridiankreis bestimmt. Diese Bestimmung, Epoche 1893.9, unter 759, „Secunden der Quelle“ mitgetheilt, berechtigt die Kremsmünster Declin. um  $+17''.1$ , den Betrag der Praecession, zu corrigiren.
- 773 E. B.  $+ 0^s.0128 - 0''.231$  nach Stumpe A. N. 125 S. 398  
 „  $0.0130 - 0.235$  „  $M_2$  532  
 „  $0.013 - 0.23$  „ Porter Prop. Mot. 160  
 „  $0.0148 - 0.240$  „ Paris Cat. 2820
- 786 Die A. R. der A. N. 107 ist an Weisse's Catalog entlehnt.
- 806 A. R. in A. N. um  $+30^s$  corrigirt, wie aus der entsprechenden Washingtoner Beob. des Planeten Leda 1868 Oct. 12 (A. N. 74 S. 71) und B. B. VI 392 hervorgeht.
- 807 Die Declin. von Weisse und Bessel ist  $11''$  südlicher als in den A. N. Nach brieflicher Mittheilung von Dr. Knorre ist der sequens eines Doppelsterns in Berlin bestimmt. Der praec. ist dan wohl Weisse<sub>1</sub> 236, welcher diesem Stern  $2^s.67$  und  $7''.3$  südlich vorangeht.
- 824 Mikrometer-Anschluss an B. D.  $+15^\circ 331 =$  Paris Cat. 2930.
- 826 Markree Cat. Vol. II S. 127 hat einen Stern 1875.0,  $2^h 21^m 19^s.5 + 13^\circ 54'.8$  also  $10'$  nördlicher; der von Palisa beobachtete Stern fehlt jedoch in Markree Cat. Auf der von Paul und Prosper Henry bearbeiteten Pariser Karte Nr. 8 findet man beide Sterne.
- 859 Nach brieflicher Mittheilung von Geheimrath Auwers ist Berlin A. G. C. B. 709:  $2^h 29^m 51^s.23 + 17^\circ 23' 8''.3$
- 868 Die Pariser Karte Nr. 8 giebt die auf 1875.0 reducirte Position  $2^h 34^m 12^s + 14^\circ 46'.5$ .
- 871 Nach brieflicher Mittheilung des Herrn Wilterdink war die Leidener Decl. um  $-10''$  zu corrigiren.
- 881 Die von Romberg angeführte Correction ist durch briefliche Mittheilung von Dr. J. Palisa bestätigt.
- 899 Nach brieflicher Mittheilung von Dr. Knorre war die Declin. um  $+19''.3$  zu verbessern.
- 905 Die genäherte R. A. um  $-10^s$  corrigirt, wie durch die Berliner und Hamburger Beobachtungen des Cometen I 1871 am 10 April 1871 (A. N. 77 S. 287 u. 253) erfordert wird. Bestätigt durch Lalande und Cambridge (M.) A. G. C.
- 909 Nach brieflicher Mittheilung von Dr. Knorre ist A. R. um  $1^s.47$  corrigirt.
- 913 Nach brieflicher Mittheilung von Geheimrath Auwers ist Berlin A. G. C. B. 764:  $2^h 42^m 46^s.43 + 19^\circ 9' 17''.3$  E. B.  $+ 0^s.005 - 0''.03$ ; hiernach ist Weisse und Bessel um  $+1^s$  zu corrigiren.
- 914 Mikrometer-Anschluss an B. D.  $+65^\circ 304 =$  Christiania A. G. C. 505.
- 926 Mikrometer-Anschluss an B. D.  $+9^\circ 361 =$  Weisse<sub>2</sub> 657.
- 933 Nach brieflicher Mittheilung von Dr. Knorre die Declin. der A. N. um  $+11''.3$  verbessert. Die Zahl der Beobachtungen soll nach dieser Mittheilung 2 statt 1 sein. Der Ort von 932 aus Berlin brieflich an Dr. Palisa mitgetheilt wird nun wohl identisch mit 933 sein.
- 936 Die Decl. in A. N. um  $+1'$  verbessert, wie auch Yarnall 1280,  $2^h 45^m 49^s.60 + 37^\circ 49' 35''.3$  verlangt.

- Nr.
- 940 Die Correction der A.N. in Decl. um  $-1'$  wird von Göttingen Cat. I 757-8 und  $M_1$  1009 erfordert.
- 943 Mikrometer-Anschluss an B.D. +  $9^{\circ}361 =$  Weisse, 657.
- 945 Mikrometer-Anschluss an B.D. +  $16^{\circ}361$
- 950 Die Decl. der A.N. um  $+1'$  corrigirt nach Pulk. Cat., Yarnall und Lund. A.G.Z.
- 951 Die Polaer Declin. in den A.N. ist etwa  $23''$  nördlicher als die Mikrom.-Beob. A.N. 95, 187. Dr. Palisa hat in Juni 1894 während seinem zeitlichen Aufenthalt in Pola, den Stern dort am Meridiankreise neu bestimmt und mir als Resultat mitgetheilt:  $2^h 50^m 39^s.82 + 69^{\circ} 37' 22''.5$ , mit der Bemerkung dass bei der A.R.-Bestimmung wahrscheinlich ein Verzählen der Secunden statt gefunden hat. Um dieses zu entscheiden hat Dr. E. Bakhuyzen in Nov. 1894 die A.R. am Meridiankreise auf's Neue bestimmt, und gefunden:  $1875.0, 2^h 50^m 40^s.71$ . Deswegen habe ich die neuen Polaer A.R. um  $+1^s$  corrigirt.
- 957 Die einzelnen Oerter aus den Berliner Zonen sind folgende:
- |         |                   |                           |
|---------|-------------------|---------------------------|
| $5^m.5$ | $2^h 52^m 4^s.02$ | $+ 20^{\circ} 50' 20''.4$ |
| 5 .5    | 4 .03             | 20 .0                     |
| 7       | 3 .96             | 20 .1                     |
| 7       | 4 .01             | 19 .65                    |
| 6 .5    | 3 .97             | 19 .9                     |
- 958 Dieser Stern, obgleich  $8^{\text{er}}$  Grösse, habe ich bloss in B.D. verzeichnet gefunden.
- 961 Die Correctur  $-10''$  ist durch die verglichenen Quellen hinreichend constatirt.
- 969 Durch Anschluss an B.D. +  $17^{\circ}471 =$  Paris Cat. 3649 in Pulkowa mikrometrisch bestimmt.
- 983 A.N. weicht von 3 gut stimmenden Christianiaer Beob. ab. Ich fand den Stern in den Washington Observations for 1882 in dem Catalogue of miscellaneous Stars Nr. 49:  $1882.0, 2^h 56^m 20^s.82 + 66^{\circ} 56' 58''.3$  (3 obs.); da dieser Ort mit Christiania in Einklang ist, habe ich ihn im Catalog angesetzt.
- 987 A.N. bedürft der Correctur  $-2^m$ , überdiess ist in den A.N. für  $\delta$  Persei,  $\varphi$  Persei zu lesen, während in B.B. VI S. 203 die Zufügung Var.  $\varphi$  Persei, nicht  $+38^{\circ} 637$ , sondern  $+38^{\circ} 630$  angehört.
- 999 Vermuthlich ist diese Bestimmung schon in den 3 Beob. der Nummer 998 aufgenommen.
- 1018 Wahrscheinlich ist diese Bestimmung in der von Nr. 1019 begriffen.
- 1020 Auch für diesen Stern gilt dieselbe Bemerkung.
- 1035 In B.D. ist der Buchstaben B zu streichen, da ich den Stern in B.B. VI vergebens gesucht habe.
- 1038 Durch Anschluss an B.D. +  $17^{\circ} 506$  in Pulkowa mikrometrisch annäherend bestimmt.
- 1041 Romberg's Annahme, die Position in den A.N. gelte für den vorangehenden von zwei gleich hellen Sternen auf demselben Parallel, wird bestätigt durch  $M_2$  644:  $1875.0, 3^h 4^m 19^s.01 - 3^{\circ} 21' 36''.2, 10^m.0$ , welcher dem folgenden Stern entspricht.
- 1048 Durch Anschluss an B.D. —  $3^{\circ} 514$  in Pulkowa annäherend mikrometrisch bestimmt.
- 1052 Durch Anschluss an B.D. —  $14^{\circ} 630$  in Pulkowa annäherend mikrometrisch bestimmt.

- Nr.
- 1059 Die Grössenschätzungen in Berliner A. G. C. B. sind 7.7, 7.3, 8.2, 8.0 und 8.0.
- 1077 Nach brieflicher Mittheilung von Dr. Knorre ist die Declin. in den A. N. um + 10" verbessert.
- 1079 Obgleich Dr. Knorre in den Originalen keinen Fehler hat entdecken können, existirt der Stern A. N. 81, 69 Nr. 76 nicht am Himmel, wie Romberg in den Noten zum Verz. genäherter Oerter schon angeführt had. Diese Mittheilung ist durch eine Meridian Beob. von Dr. E. F. v. d. S. Bakhuyzen in Nov. 1894 völlig bestätigt. Deswegen habe ich den Ort in A. N. 81 nicht in den Catalog aufgenommen. Der Stern 1079 ist A. N. 81 S. 69 Nr. 77.
- 1082 Die Correctur wird bestätigt durch  $M_2$  670:  $9^m.4$ , 1875.0,  $3^h 16^m 5^s.92 + 0^\circ 17' 29''.6$ .
- 1085 Nach brieflicher Mittheilung von Dr. Knorre ist kein Fehler in der publicirten Position vorhanden.
- 1086 E. B. nach Stumpe A. N. 125 S. 399  $0^s.0000$ , —  $0''.250$ .
- 1096 E. B. nach Bonn A. G. C. +  $0^s.0003$  —  $0''.034$ .
- 1101 Struve Pos. med. 342 praec.  $3^h 20^m 49^s.34 + 20^\circ 1' 38''.3$ ; also keine Spur von E. B. Dieser Stern kommt in Berlin A. G. C. A. nicht vor.
- 1118 Vielleicht ist diese Bestimmung schon in der vorangehenden Nummer begriffen.
- 1129 Durch Anschluss an B. D. —  $5^\circ 6' 9'' =$  Paris Cat. 4253 in Pulkowa annäherend mikrom. bestimmt.
- 1136 Vielleicht ist diese Bestimmung schon in Nr. 1135 aufgenommen.
- 1139 Wegen der starken Abweichung zwischen der A. R. nach A. N. und Glasgow I, habe ich auch Weisse<sub>1</sub> 610, B. Z. 133, mit Rücksicht auf die von Argelander, Fehlerv. B. B. IV, S. VIII angegebene Berichtigung in A. R., um —  $15^s$  verbessert, und Glasgow II 309 auf 1875.0 reducirt.
- Es ergibt sich  $3^h 33^m 34^s.98 + 12^\circ 41' 3''.1$  Epoche 1822.99
- |        |          |   |       |       |
|--------|----------|---|-------|-------|
| 34 .81 | 40 55 .9 | " | 49.7  |       |
| 35 .46 | ....     | " | 70.9  |       |
| 35 .45 | 41 5 .4  | " | 72.40 | 72.62 |
| 36 .09 | 5 .4     | " | 88.93 | 88.09 |
- Wenn man Kam 647, entnommen aus A. N. 30, 99 Hamburg Rümker, ausser Acht lässt, ist E. B. in A. R. vorhanden.
- 1157 E. B. nach Paris Cat. —  $0^s.0108$ ,  $0''.00$ , nach Cambr. (M.) A. G. C. —  $0^s.0086$ , —  $0''.043$ . Diese E. B. kann die starke Abweichung der Berl. Beob. in A. N. nicht erklären.
- 1158 Zwei Beob. in Berlin A. G. C. B. geben die Declin. um 1' südlicher, deswegen A. N. um diesem Werth corrigirt.
- 1162 Nach brieflicher Mittheilung von Dr. Knorre ist die Declin. in A. N. um +  $45''.9$  corrigirt; die Praecession war mit dem falschen Zeichen angebracht.
- 1165 E. B. —  $0^s.0013$ , —  $0''.039$  nach Pulkowa Cat. (Bradley 522).
- 1181 Cambridge (Engl.) A. G. C.  $3^h 44^m 37^s.94$ ,  $25^\circ 51' 23''.1$  Epoche 1886.4 (3 Beob.).
- 1186 Weitere Angaben über E. B. —  $0^s.0420 + 0''.167$  Argelander 250 Sterne Nr. 47.  
                                   —  $0.043 + 0.190$  Bischof Nr. 47.  
                                   —  $0.0421 + 0.190$  Stumpe A. N. 125, S. 400.  
                                   —  $0.041 + 0.15$  Porter Prop. Mot. Nr. 257.

- Nr.
- 1202 Die Epoche der Declin. ist 1868.0 statt 1867.0, deswegen um den Betrag der Praecession  $-10''.7$  corrigirt.
- 1215 Herr Dr. Romberg hat in Sept. 1894 die Originalen in Berlin nachgesehen, und hat die Position  $0^s.04$  grösser und  $5''.5$  nördlicher gefunden als in A.N.
- 1217 Von Herrn Pannekoek in Sept. 1894 durch Anschluss an Nr. 1219 dieses Catalogs bestimmt.
- 1219 Gleichzeitig mit Nr. 1217 untersuchte Herr Pannekoek den Ort dieses Sterns durch Anschluss an B.D.  $+50^\circ$ , 874 = A.Oe. 4334-5 und fand A.N. richtig, sodass die A.R. von B.D.  $+50^\circ$ , 886 5 zu klein ist.
- 1233-5 Die Declin. um  $-10''$  corrigirt und dann wohl identisch mit 1234. Engelmann vermuthet E.B., welche jedoch nicht bestätigt wird durch die angeführten Quellen und verschwindet wenn Lalande, welche nur an einem Faden beobachtet ist, um  $+1^s$  corrigirt wird. Im Pariser Cat. kommt der Stern nicht vor.
- 1240 Schjellerup ist um  $-5'$  zu corrigiren, wie auch B.D. verlangt.
- 1241 Weisse ist  $+6^s$  zu corrigiren. Bessel's Zone ist richtig.
- 1243 Nach Romberg's Bemerkung (Publ. XVIII der A.G.) war an dieser Stelle kein Stern zu sehen. Dr. Peter hat keinen Reductionsfehler finden können, glaubt jedoch dass ein grober Versehen in der Kreisablesung vorliegt. Der Stern ist irrthümlich an Stelle von Nr. 8 (cf. die Liste A.N. 81, 365), beobachtet worden. Jedenfalls ist die Position wenig zuverlässig. Dr. Peter fand in Engelmann's Beob.buch notirt „falscher Stern“.
- 1244 Nach Dr. Peter's Mittheilung ist statt 1872.0:  $3^h57^m29^s.825 + 20^\circ30'19''.6$  zu lesen  $3^h57^m26^s.87 + 20^\circ30'19''.7$ . Fehler in der Reduction auf den Jahresanfang.
- 1259 Romberg's Conjectur, die Berliner Beobachtung sei um  $-10^s$  zu corrigiren, wird bestätigt durch W., 1281-82, Rümker und eine briefliche Mittheilung von Dr. Knorre.
- 1263 Die Leipziger Position in den A.N. weicht in Declination mehrere Minuten ab von den Positionen der Sterne B.D.  $+30^\circ$ , 619 und Weisse, 1272, welche in  $\alpha$  am nächsten liegen. Dr. Peter berichtet auch dass der Stern, obgleich 4 Mal in  $\alpha$  und 3 Mal in  $\delta$  beobachtet, in den Tagebüchern nicht zu finden war. Eine Correction von  $+1^m$  in  $\alpha$  bringt jedoch die Leipziger Position vollkommen in Einklang mit der Position in den Leidener A.G.Z. Deshalb ist diese Correction angebracht.
- 1268 Nach brieflicher Mittheilung von Dr. Knorre war bei der Reduction auf 1865.0 die Praecession mit falschem Zeichen angebracht. Die Position ist nun identisch mit 1267, und diese als eine der 3 Beobachtungen von Nr. 1268 zu betrachten.
- 1282 Die Declination von A.N. weicht  $18''$  ab vom Pariser Cat. und Bonn A.G.C. Unter Annahme dass die Praecession für 1865 mit falschem Zeichen angebracht ist, ist die Declination um  $+19''.2$  corrigirt.
- 1291 E.B. in Declination nach Cambridge (M.) A.G.C.  $+0''.107$ .
- 1300 E.B. in A.R. nach Cambridge (M.) A.G.C.  $-0^s.010$ .
- 1312 Durch Mikrometer-Anschluss an B.D.  $+25^\circ$ , 707 =  $\chi$  Tauri.
- 1319-20 Der Stern ist Yarnall 1928 (B.A.C. 1351) als  $6^m.5$  angegeben. B.D.  $+16^\circ$ , 587 hat  $8^m.0$ , Kam 765 und Weisse, 317  $9^m.0$ . In Chandler's Cat. of variable stars (1888) kommt der Stern nicht vor.
- 1332 E.B. nach Porter Cat. Prop. Motions Nr. 282  $+0^s.009 - 0''.34$ , nach Stumpe A.N. 125, S. 400  $+0^s.0073 - 0''.327$ , nach Paris Cat.,  $+0^s.0099 - 0''.340$ , nach A.N. 110, S. 197  $+0^s.0096 - 0''.337$ .
- 1344 Die Correction von  $+1^m$  von Romberg am Pulkowaer Meridiankreise bestätigt, und nachher mitgetheilt A.N. 114, S. 354.



- Nr.
- 1348 Mikrometer-Anschluss an B. D. —  $5^\circ$ , 948 = Paris Cat.<sub>3</sub> 5229.
- 1354 Die starke Abweichung in Declination zwischen Lalande und A. N. hat grösstentheils ihren Grund in E. B. Nach brieflicher Mittheilung von Geheimrath Auwers betragt diese  $+0^s.0015 - 0''.099$ , und ist die Position des Berliner A. G. C. A. Nr. 1226:  $47^s.63$ ,  $5''.8$  Epoche 1870.7.
- 1355 Die an B. D.  $+16^\circ$ , 627 hinzugefügte Buchstabe B, bezieht sich auf B. D. 626.
- 1359 Nach einer Bemerkung von Prof. Kapteyn ist dieser Stern vielleicht duplex.
- 1366 Die A. R. von Weisse ist ungefähr  $1^s$  kleiner als A. N. Im Leipziger A. G. C. findet man  $34^s.29$ ,  $44''.3$  Epoche 1869.60 und  $34^s.64$   $41''.6$  Epoche 1890.02.
- 1373 Nach brieflicher Mittheilung von Dr. E. F. v. d. S. Bakhuyzen ist A. R. in A. N. um  $+2^s$  corrigirt.
- 1380 Nach Romberg Publ. XVIII der A. G. ist die A. R. der A. N. um  $-2^m$  corrigirt. Diese Correction wird bestätigt durch die Königsberger Beob. des Brorsen'schen Cometen 27 April 1867 A. N. 74 S. 243 und durch Leiden A. G. Z.
- 1382 Nach brieflicher Mittheilung von Prof. Graham giebt Cambridge (E.) A. G. C.:  $24^s.18$ ,  $11''.4$  Epoche 1881.3.
- 1389 In Albany sind am Meridiankreise die Grössen 8.3, 8.8 und 8.2, am Equatorial die Grössen 8.7, 8.2 und 8.3 beobachtet.
- 1395 Die A. R. von B. D.  $+22^\circ$ , 751 ist  $5^s$  kleiner als die A. R. von A. N. Nach brieflicher Mittheilung hat Dr. Palisa sich durch Anschluss von der Richtigkeit der Polaer Position überzeugt.
- 1399 Nach Mittheilung von Geheimrath Auwers giebt Berlin A. G. C. A. Nr. 1302:  $20^s.91$ ,  $2' 0''.7$ .
- 1400 Die Grösse nach B. D. ist ziemlich abweichend von den anderen Quellen. B. D. 6.5, A. N. ( $8^m$ ), Yarnall 8.0, Weisse<sub>2</sub> 866, B. Z. 398, 8. Die Position nach Weisse ist  $28^s.80$ ,  $53''.2$ .
- 1401 In Washington Observations 1880, S. 176 Nr. 205 findet man:  $28^s.90$ ,  $59''.2$  Epoche 1881.0; Lalande 8947 giebt:  $28^s.66$ ,  $1'11''.6$ ; Bonn A. G. C. stimmt jedoch gut mit Washington, sodass Paris Cat.<sub>3</sub> 5477 vermuthlich um  $+10''$  zu corrigiren ist.
- 1406 Nach Mittheilung von Geheimrath Auwers hat Berlin A. G. C. A. 1321:  $59^s.71$ ,  $29''.1$ .
- 1410 Die Uebereinstimmung von A. N. mit B. D.  $35^\circ$ , 913 ist schlecht, jedoch ist die Richtigkeit der Leidener Meridian-Bestimmung gewährt durch die gute Uebereinstimmung der Beobachtungen des Brorsen'schen Cometen in Leiden und Athen 29 April 1868, obwohl verschiedene Vergleichsterne benutzt sind. Der Stern (9.5) kommt in den A. G. Z. von Leiden und Lund nicht vor.
- 1411 Herr Wilterdink fand in den Tagebüchern in Leiden die A. R.  $1^m$  zu gross. Mikrometer-Anschluss in Pulkowa an B. D.  $+29^\circ$ , 760.
- 1443 Durch Mikrometer-Anschluss an B. D.  $+16^\circ$ , 669 = Weisse<sub>2</sub> 1056 in Leiden wurde die A. R.  $4^s.08$  gefunden. B. B. VI 669 ist also um  $+1^s$  zu corrigiren.
- 1449 Die Decl. in Leiden A. G. Z. 400 ist  $48''.9$  und in Zone 402  $43''.4$ ; die zweite Beobachtung scheint die richtige zu sein. Eine nachträgliche Beobachtung giebt  $43''.6$ .
- 1455 Nach Mittheilung von Prof. Bruns giebt die Leipziger A. G. Z.:  $23^s.39$ ,  $35''.1$ ,  $9^m.0$ .
- 1456 Mikrometer-Anschluss an B. D. —  $0^\circ$ , 811 = Göttingen Cat. I 1399-1400.

- Nr.
- 1458 Diese Bestimmung ist vielleicht schon in der vorangehenden Nummer aufgenommen.
- 1466 Die zweite Annahme von Romberg Publ. XVIII der A.G., die A.R. des Sterns in A.N. sei um  $+1^m$  zu corrigiren, scheint die richtige zu sein, indem der Stern dann mit Cambridge (M.) A.G.C. 2054 ziemlich befriedigend in Decl. stimmt und in A.R. etwa  $0^s.6$  abweicht. A.N. ist also um  $+1^m$  corrigirt. Die erste Annahme von Romberg, die Declination sei  $10'$  fehlerhaft, giebt keine Uebereinstimmung mit einer der Positionen in Cambridge (M.) A.G. Catalog.
- 1468 Nach Mittheilung von Director E. Becker ist die genäherte reducirte Position aus den Strassbürger südlichen Zonen für 1875.0:  $4^h 54^m 0^s.9$ ,  $-3^\circ 54' 21''$ . Die Declination bei Bessel ist also ungefähr  $10''$  zu nördlich.
- 1474 Die Correction von  $+1'$  in Declination wird bestätigt durch Pulkowa Catalog 1875.0, 1139:  $4^h 55^m 56^s.42$   $+1^\circ 51' 55''.2$ ;  $8^m.3$ .
- 1488 Weisse<sub>1</sub> 1275 positio emendata pag. 250 giebt:  $3^s.09$ ,  $51''.0$ .
- 1489 Romberg's Correction Publ. XVIII der A.G. wird durch Helsingfors A.G.C. bestätigt.
- 1498 Die Correction von  $-1^s.33$  findet sich in Romberg Publ. XVIII A.G. und A.N. 114 S. 354.
- 1541 In Leiden ist Dec. 1894 B.D.  $+17^\circ, 893$  angeschlossen an den gut bestimmten Stern B.D.  $+17^\circ, 886$  und die Correction von B.D. 893 gleich  $-3^s$  und  $-3'.1$  gefunden. B.D. 893 stimmt dann mit der Leidener Position dieses Sterns.
- 1543 E.B. nach Paris Cat.<sub>3</sub> 6090:  $0^s.0000$ ,  $-0''.077$ .
- 1558 Nach brieflicher Mittheilung von Geheimrath Auwers ist die Position aus den Berliner A.G.C. A.  $5^h 20^m 7.40$   $+17^\circ 9' 37''.6$ . Epoche 1870.1.
- 1571 Nach brieflicher Mittheilung ist nach Leipzig A.G.C. A.R.  $59^s.22$ , Decl.  $54''.6$ .
- 1574 Nach Mittheilung aus Bonn soll die Grösse der B.D. statt 9.5, 6.7 sein.
- 1576 Nach A.N. 78 S. 167 ist die Declination A.N. 74 S. 75 um  $+1''$  corrigirt.
- 1590 Nach brieflicher Mittheilung von Geheimrath Auwers ist Berlin A.G.C.B. Nr. 1608:  $5^h 30^m 15^s.78$   $+15^\circ 38' 51''.9$ . Epoche 1870.7.
- 1619 Die Correction wird durch andere Beobachtungen des Cometen 1881b am 26 Juni 1881 bestätigt. Nach Krüger ist E. B.  $-0^s.003$   $-0''.012$ .
- 1620 In Harvard Zones Vol. I S. 159 findet sich die Bemerkung: „Fine nebulosity surrounding the stars Nr. 160 and 161“. Die Position von 161 ist A.R.  $5^h 40^m 22^s.00$   $+0^\circ 1' 25''.6$ ;  $11^m$ .
- 1649 Mikrometer-Anschluss in Pulkowa an B.D.  $+31^\circ$ , 1154 = Weisse<sub>2</sub> 1625.
- 1666 Die Correction von  $-1^s$  folgt aus Helsingfors A.G.C. und Arg.-Oeltzen; auf 1875.0 reducirt ist Arg.-Oeltzen 6432 A.R.  $5^h 54^m 41^s.59$ , Decl.  $63^\circ 27' 19''.3$ ;  $6^m.7$ .
- 1668 Nach Mittheilung von Director Graham giebt Cambr. (E.) A.G.Z.  $7^s.23$  und  $1''.4$ .
- 1676 Nach brieflicher Mittheilung von Prof. E. Becker ist die Decl. um  $+14''.0$  corrigirt.

- Nr.
- 1705 Nach Mittheilung von Dr. Knorre soll die Epoche in A.N. 1869.0 statt 1870.0 sein. Die Position stimmt dann mit 10 Y. Cat. und Paris Cat.<sub>s</sub>
- 1707 In Leiden Jan. 1893 durch Anschluss an B.D.  $+6^{\circ} 1150$  annähernd mikrometrisch bestimmt.
- 1715 An die A.R. der A.N. ist eine Correction von  $-1^m$  angebracht, welche sowohl aus der Leidener Meridianbeobachtung als aus den Beobachtungen von Comet 1881 III, wobei dieser Stern als Vergleichstern benutzt ist, hervorgeht. Der Stern ist A.N. 102 als 8<sup>er</sup>, A.N. 103 als 9<sup>er</sup> Grösse geschätzt. Bei der Beobachtung in Leiden in unterer Culmination, als die Abenddämmerung noch nicht vollständig zu Ende war, ist der Stern von E. F. v. d. S. Bakhuyzen als 9<sup>er</sup> Grösse geschätzt. Der Stern fehlt in B.D. und in Christiania A.G.C.
- 1718 Herr Dr. Romberg hat nicht nur die Details der publicirten Beobachtungen der Vergleichsterne für Comet 1881 IV brieflich mitgetheilt, sondern auch die nicht publicirten Oerter der Vergleichsterne dieses Cometen übersandt, damit diese auch in den Catalog mit aufgenommen werden könnten. Sie sind in der Col. Band und Seite der Astron. Nachr. durch [108 183] zwischen Klammern angedeutet.
- 1720 Siehe Bemerkung zu 1718.
- 1736 Die Correction  $-1^m$  von Romberg wird bestätigt durch die Hamburger Position A.N. 120 S. 83. Die A. R. und Decl. für 1875.0 in dem Catalog sind aus dieser letzten Position abgeleitet.
- 1743 Nach Mittheilung von Dr. Romberg ist die Correction der Decl. A.N. 108 S. 183  $+10''$  und nicht, wie die Berichtigung A.N. 108 S. 438 unrichtig angiebt  $-10''$ . Durch diese Correction des Vergleichsterns bekommt man auch eine besser übereinstimmende Declination des Cometen 1881 IV.
- 1766 Die durch Romberg angezeigte Correction von  $+1^m$  folgt auch aus den Leidener Beobachtungsbüchern.
- 1769 Dr. Knorre theilte brieflich mit, dass A.R. vielleicht um  $-1^m$  zu corrigiren sei. A.N. stimmt jedoch mit B.D., und  $1^m$  früher ist kein passender Stern in B.D. zu finden. Die Vergleichung am Himmel mit dem Leidener Refractor hat auch keinen Stern finden lassen, dessen A.R.  $1^m$  kleiner als A.N. ist. Die A.R. der A.N. ist also beibehalten.
- 1792 Die Leidener Position beruht auf nur einer Beobachtung.
- 1795 B.D.  $+22^{\circ}$ , 1367 trägt den Buchstaben B, ist jedoch in B.B. VI nicht zu finden.
- 1808 Lalande 12546, 6<sup>m</sup> hat für 1875.0:  $6^h 26^m 29^s.95 + 14^{\circ} 15' 4''.4$ .
- 1814 Mikrometer-Anschluss an B.D.  $+70^{\circ}$ , 412 1892 Mai 9.
- 1823 Mikrometer-Anschluss an B.D.  $+54^{\circ}$ , 1056 1892 Mai 10.
- 1827 Mikrometer-Anschluss an B.D.  $+37^{\circ}$ , 1547 = Lund A.G.Z. 139 u. 148 1892 Mai 10.
- 1828 Mikrometer-Anschluss an B.D.  $+70^{\circ}$ , 412 1892 Mai 9.
- 1833 Mikrometer-Anschluss an B.D.  $+60^{\circ}$ , 980 = Helsingfors A.G.C. 4587 1892 Mai 10.
- 1837 E. B.  $-0^s.003$  und  $-0''.02$  nach Berlin A.G.C.B.
- 1838 Die A.R. von A.N. 69 um  $3^s.45$  (den Betrag der jährliche Praec.) vergrößert, wie folgt aus Vergleichung mit A.N. 67, B.D. 1263 und B.B. VI  $15^{\circ}$ , 1263.

- Nr.
- 1844 Die A.R. der A.N. ist um  $6^s$  corrigirt, da im Leidener Refractor, Januar 1893, kein Stern an dem angegebenen Ort anwesend war; und durch diese Correction Uebereinstimmung mit Bessel und Berlin A.G.C.B. erhalten wird.
- 1850 Mikrometer-Anschluss an B.D.  $+ 63^\circ$ , 656 = Helsingfors A.G.C. 4641, 1892 Mai 10.
- 1853 Die übereinstimmende Werthe der A.R. nach Weisse und Lund A.G.Z. machen die Correction der A.N. von  $1^s$  sehr wahrscheinlich.
- 1871 Mikrometer-Anschluss an 43 Camelopardali (Auwers Fund. Cat.) 1892 Mai 10.
- 1872 Die Position, der Madras Observations für 1885.0 Nr. 14 entnommen, ist für 1875.0:  $6^h 41^m 25^s.53 + 28^\circ 40' 46''.1$ , also nahe stimmend mit A.N.; Cambridge (E.) A.G.Z. giebt nach brieflicher Mittheilung:  $6^h 41^m 25^s.68 + 28^\circ 40' 46''.7$  Epoche 1876.5. Die Declination aus B.B. VI ist deshalb um  $+ 10''$  zu corrigiren.
- 1885-86 Der Stern in keinem anderen Cataloge zu finden. Durch die Beobachtung an zwei Sternwarten scheint die Richtigkeit der Position doch gesichert.
- 1887 Nach Palisa ist die Grösse 10, nach Cordoba Cat. 6.6, nach Stone Cape Catalogue 3236 6.7, nach Cordoba Z.C. VI<sup>b</sup> 2247 7, Yarnall 2836 6.8. Der Stern fehlt in Arg.-Oeltzen, in Melbourne Cat. und in Washington Zones; dagegen findet man ihn bei Lacaille 2473.
- 1899 Weisse<sub>2</sub> 1383, B.Z. 517 giebt:  $6^h 47^m 13^s.77 + 31^\circ 5' 7''.8$ , 9<sup>m</sup>, also in Uebereinstimmung mit Leiden A.G.Z. Die Correction der Declination von A.N. von  $2'$  scheint also verbürgt.
- 1932 Mikrometer-Anschluss an B.D.  $+ 31^\circ$ , 1487 = Weisse<sub>2</sub> 1703, 1892 Mai 10.
- 1946 Mikrometer-Anschluss an B.D.  $+ 19^\circ$ , 1629 = Paris Cat.<sub>2</sub> 8740, 1892 Mai 12.
- 1948 Nach brieflicher Mittheilung von Geheimrath Auwers ist Berlin A.G.C.A. 2643:  $57^s.78, 41''.6$  Epoche 70.8 und E.B. —  $0^s.012 - 0''.30$ , wodurch der Unterschied zwischen A.N. und B.B. VI Epoche 1861.2 erklärt wird.
- 1951 E.B. nach Porter Cat. prop. motions 413: —  $0^s.011 - 0''.50$ ; nach Frisby A.N. 108 S. 278: —  $0^s.011 - 0''.52$ ; nach Stumpe A.N. 125 S. 402: —  $0^s.0123 - 0''.511$ ; nach Paris Cat. S. [34]: —  $0^s.0095 - 0''.514$ .
- 1957 Romberg's Bemerkung in Publ. XVIII A.G., die Position dieses Sterns sei verdächtig, scheint nach der Uebereinstimmung mit Kasan A.G.C. nicht richtig.
- 1962 Mikrometer-Anschluss an B.D.  $+ 28^\circ$ , 1333, 1892 Mai 19.
- 1971 E.B. nach Berlin A.G.C.B.  $+ 0^s.0027 - 0''.105$ .
- 1974 Die A.R. von B.D.  $+ 39^\circ$ , 1905 ist  $10^s.6$  grösser, die Decl.  $1'$  kleiner als A.N. Die Position der A.N. scheint jedoch richtig zu sein, 1<sup>o</sup>. da in Leiden durch Mikrometer-Anschluss an B.D. 1905 ein Stern  $10^m.5$  bestimmt ist, der ziemlich gut mit A.N. stimmt, 2<sup>o</sup>. da am 29 Dec. 1877 in Pola zwei Beobachtungen des Planeten Eva erhalten sind, die gut stimmen, die erste durch Anschluss an 1968 dieses Catalogs, die zweite durch Anschluss an 1974.
- 1978 Nach brieflicher Mittheilung von Geheimrath Auwers ist die Position von Berlin A.G.C.A. 2727  $40^s.24, 41''.9$ , Ep. 1870.7, E.B.  $+ 0^s.002 - 0''.12$ , wodurch der Unterschied zwischen A.N. und Bessel erklärt wird.

- Nr.
- 2000 Mikrometer-Anschluss an B. D. + 32°, 1527.
- 2004 Die A. R. in A. N. 78 durch Mikrometer-Anschluss an Arg.-Oeltzen 8629 = Helsingfors A.G.C. 5068:  $7^h14^m27^s.05$  ist  $1^s.27$  grösser als die A. R. der Leidener Meridianbeobachtung. Dieser Unterschied lässt sich nicht erklären durch einen Fehler in Arg.-Oeltzen 8629, denn Arg.-Oeltz.—Helsingf. =  $+0^s.25$ . Aus der Vergleichung des Cometenortes am 7 September mit der Schulhof'schen Ephemeride von Comet 1871 II geht jedoch hervor, dass durch die A. R. der Leidener Meridianbeobachtung eine bessere Uebereinstimmung erreicht wird. Es ist also die A. R. der A. N. 78 um  $-1^s$  corrigirt.
- 2014 Die in A. N. angedeutete E. B. beträgt nach Paris Cat.<sub>3</sub> 9040 +  $0^s.0088$  —  $0''.107$ .
- 2016 Die beiden Bestimmungen in A. Oe. weichen unter einander erheblich ab. Kein Reductionsfehler, noch Angabe über Duplicität gefunden.
- 2027 Mikrometer-Anschluss an B. D. + 15°, 1577 = Weisse<sub>2</sub> 575.
- 2032 Aus der Uebereinstimmung der übrigen Positionen geht hervor dass die A. R. in A. N. 86 S. 97 ungefähr um  $9^s$  fehlerhaft ist. Dr. Hepperger hat bei seiner Bahnbestimmung des Cometen Coggia 1874 III, Sitz.-Ber. Wiener Akad. 1882, die Hamburger Cometenbeobachtung mit den Meridian-Beobachtungen des Vergleichsterns aus Leiden, Moskau, Berlin und Paris reducirt.
- 2034 Mikrometer-Anschluss an B. D. + 68°, 485, 1892 Mai 12.
- 2036-37 Der Stern ist in keinem anderen Cataloge gefunden; die Position scheint jedoch durch die zwei Berliner Beobachtungen hinreichend gesichert.
- 2038 Nach brieflicher Mittheilung von Dr. E. F. v. d. S. Bakhuyzen 1893 Sept. 5 in unterer Culmination beobachtet.
- 2049 Nach brieflicher Mittheilung von Geheimrath Auwers ist Berlin A.G.C.A. 2869  $10^s.90$ ,  $4''.8$  Ep. 1871.2 E. B. +  $0^s.002$  —  $0''.44$ . Die E. B. erklärt den Unterschied der Declinationen.
- 2051 Der Mikrometer-Anschluss A. N. 94 S. 291 giebt die sehr abweichende Position  $37^s.80$ ,  $50''.3$ .
- 2053 Die Correction —  $10''.3$  von B. Z. folgt aus einer brieflichen Mittheilung von Geheimrath Auwers; die Position A. G. C. 2874 ist  $54^s.15$ ,  $17''.8$ ; keine E. B.
- 2075 Der guten Uebereinstimmung von 2075 und 2076 wegen ist B. B. VI 1643 wohl um  $1^s$  zu corrigiren.
- 2109 Nach brieflicher Mittheilung von Dr. E. F. v. d. S. Bakhuyzen 1894 März 27 beobachtet.
- 2123 Nach Mittheilung von Director Graham ist die Position Cambridge (E.) A.G.C.  $12^s.62$ ,  $31''.7$  Ep. 1876.2.
- 2126 Der Ort ist dem Berliner Circular Nr. 154 entnommen, da in A. N. die Beobachtungen aus Kremsmünster und Hamburg verbunden sind.
- 2128 Mikrometer-Anschluss an B. D. + 65°, 597, 1892 Mai 12.
- 2131 Mikrometer-Anschluss an B. D. + 61°, 1002, 1892 Mai 12.
- 2133 Mikrometer-Anschluss an B. D. + 65°, 597, 1892 Mai 12.
- 2158 Die Correction ist von Dr. Palisa brieflich mitgetheilt.

- Nr.
- 2170 Herr Observator Wilterdink in Leiden fand im Refractor keinen Stern an dem angezeigten Orte, wohl einen kleinen Stern in gleicher Decl. jedoch  $13^s$  vorangehend. Die Correction von  $-2^m$ , welche genau auf Paris Cat.<sub>3</sub> 9637 passt, wird auch angezeigt durch den Werth der Praec. in Decl. in Palisa's Verzeichnisse A. N. 91.
- 2182 Nach Mittheilung von Director Graham ist nach Cambridge (E.) A. G. C. der Ort  $28^s.54, 15''.8$ , Epoche 1875.7. Die A. R. aus B. Z. ist also etwa  $1^s$  zu klein.
- 2184 Mikrometer-Anschluss an B. D.  $+26^\circ$ , 1679, 1892 Mai 19.
- 2185 Mikrometer-Anschluss an B. D.  $+1^\circ$ , 1939 = Albany A. G. C. 3083, 1892 Mai 12.
- 2198 Aus B.D.  $54^\circ$ , 1186 und aus Cambridge (M.) A. G. C. 2999 geht übereinstimmend hervor dass A. N. um  $-10'$  zu corrigiren ist.
- 2210 Romberg's Vermuthen, A.N. sei in A. R. um  $30^s$  zu vermehren wegen der Identität mit B.D.  $+25^\circ$ , 1807, hat sich nicht bestätigt. Wirklich existirt nach Mittheilung von Dr. E. F. v. d. S. Bakhuyzen an dem angegebenen Orte ein feines Sternchen unter  $10^m$ , welches Romberg in Publ. XVIII A. G. auch erwähnt.
- 2211 Da Küstner 265 auf 2 stimmende Beobachtungen beruht, ist die Kremsmünster Declination in A. N. um  $-10''$  corrigirt.
- 2212 Der Mikrometer-Anschluss an Weisse<sub>3</sub> 1496 A. N. 91 S. 301 giebt 1875.0:  $7^h52^m34^s.53+38^\circ20'39''.4$  also die Declination zu gross.
- 2215 Da die Identität von 2215 und B. D.  $14^\circ$ , 1800 fraglich war, ist B. D. 1800 mit B. D. 1808 verglichen. Hieraus geht hervor dass 1800 um  $+4^s.8$  zu corrigiren ist. In den Col. „Secunden der Quelle“ ist die so verbesserte A. R. von B. D. 1800 mittgetheilt.
- 2218 Mikrometer-Anschluss an B. D.  $+38^\circ$ , 1851, 1893 Mai 17.
- 2223 Der Unterschied van A. Oe., 8543 und 8544 ist  $0^s.74$  und  $2''.6$ . Duplicität ist nicht erwähnt.
- 2227 Die durch Romberg Publ. XVIII angezeigte Correction von  $-1^m$  wird durch die andere Bestimmungen in Pulkowa und Greenwich hinreichend bestätigt.
- 2242 Arg.-Oeltzen 8581 um  $+1^m$  corrigirt nach B. B. V. S. IX.
- 2243 Die Correction in Decl. von  $2'$  folgt aus der Königsberger Beobachtung des Brorsen'schen Cometen von 22 Mai 1867 (cf. A. N. 74 S. 243) Rümker 2395 und Bonn A. G. C. 6398.
- 2244 Bei der Reduction auf 1874.0 ist der E. B. von Romberg schon an die Pulkowaer Position in A. N. angebracht.
- 2265 Durch briefliche Mittheilung von Dr. Knorre ist diese Correction bestätigt.
- 2272 Da aus den Washington Obs. 1880 und 1884 folgt dass sich der Unterschied von  $8''$  zwischen den Declinationen von 1869 und 1882 nicht erklären lässt, ist an der Declination in A. N. ausserhalb der Correction von  $+1''$  für Biegung (A. N. 78 S. 167) noch eine weitere Correction von  $-10''$  angebracht.
- 2275 Dieser Stern findet sich auch in Washington Obs. 1880 S. 180 Nr. 348 und 1884 S. 312 Nr. 347(1); für 1875.0 ist der Ort  $25^s.27, 13''.5; 8^m.2$ . 3 Beob.

Nr.

2283 B. D. hat hier zwei gleich hellen Sterne 9<sup>m</sup>.1, deren Oerter sind:

B. D. 2429 8<sup>h</sup> 7<sup>m</sup> 29<sup>s</sup>.8 — 5° 24'.7

B. D. 2430 30 .3 24 .3

Es ist nicht zu entscheiden welchem dieser Sterne die Position in A. N. entspricht.

2284 B. D. hat hier unter mehreren einander nahe stehenden Sterne:

B. D. 2434 8<sup>h</sup> 6<sup>m</sup> 36<sup>s</sup>.2 — 5° 23'.6 10<sup>m</sup>.

B. D. 2435 37 .1 22 .1 8 .8.

Der zweite stimmt in Grösse und Position am besten mit A. N. Beide Sterne Nr. 2283 und 2284 gehören zu dem Sternhaufen h. 496 = G. C. 1637.

2285 Mikrometer-Anschluss an B. D. + 6°, 1900 = Weisse<sub>1</sub> 129.

2287 Die Correction von —1' in Decl. wird bestätigt durch Bessels Zonen, Berlin A. G. C. und durch Pulkowa Catalog 1875.0, 1852: 9<sup>m</sup>.3, 11<sup>s</sup>.78, 33".7.

2298 Beim Nachsehen in den Beobachtungsbüchern zeigte sich dass A. R. A. N. um +50<sup>s</sup> zu corrigiren sei. Nach dieser Berichtigung stimmt der Ort mit M<sub>2</sub> 2160 und Harvard Zone 40 und 41 Nr. 400, wo man findet auf 1875.0 reducirt: 9<sup>m</sup>-10, 3<sup>s</sup>.46, 6".7.

2303 Die Correction nach Romberg's Note, Publ. XVIII, gründet sich auf die Königsberger Beobachtung des Cometen III 1881 10 Juli 1881.

2306 Die Correction gründet sich auf die Declinationen von 2305 und 2307.

2309 Die A. R. von A. N. 79 137 is um —10<sup>s</sup> zu corrigiren; siehe Romberg Publ. XVIII A. G. Diese Bestimmung Ep. 1872.05 giebt 31<sup>s</sup>.10, 31".0 und ist als zweite Leidener Meridianbeobachtung zu betrachten.

2321 Mikrometer-Anschluss an B. D. + 60°, 1132 = Helsingfors A. G. C. 5521.

2339 Wie Herr Romberg in seine Bemerkungen Publ. XVIII A. G. mittheilt, hat Dr. Knorre durch Anschluss an W<sub>2</sub> VIII 523 für 1875.0 erhalten 29<sup>s</sup>.77, 39".4. Herr Pannekoek fand am Leidener Refractor durch Anschluss an W<sub>2</sub> VIII 370: 29<sup>s</sup>.23, 42".4; er bestimmte ferner ein Stern 11<sup>m</sup>; 8<sup>h</sup> 19<sup>m</sup> 27<sup>s</sup>.85 +19° 27' 54".5, dessen Ort nicht mit der Berliner Position A. N. 102 S. 297 stimmt. Dr. Knorre hat auch in den Beobachtungsbüchern vergebens nachgesucht was die Ursache der Abweichung in Decl. der beiden stimmenden Berliner Meridianbeobachtungen von den anderen Declinationen sein kann.

2376 Nach brieflicher Mittheilung von Geheimrath Auwers ist keine Spur von E. B. vorhanden. Berlin A. G. C. 3398 ist 14<sup>s</sup>.81, 25".0. Ep. 1870.7.

2378 Leipzig A. G. C. giebt 21 .82, 40".2; 9<sup>m</sup>.2 Ep. 1869.2 (2 Beob.).

2391 Nach brieflicher Mittheilung aus Berlin, war die Decl. in A. N. 81 S. 70 durch irrthümliche Reduc-tion entstellt. Statt +53° 22' 13".5 ist zu lesen 53° 22' 35".9. Diese Correction ist angebracht.

2437-38	Duplex. praec. E. B.	—0 <sup>s</sup> .0292 —0".592	nach	Stumpe A. N. 125 S. 403 und Bonn A. G. C.
	"	—0 .0275 —0 .595	"	Bonn Beob. Bd. VII Verz. von 250 St. 77.
	"	—0 .027 —0 .596	"	Nobile A. N. 100 S. 227
	"	—0 .0214 —0 .624	"	Paris Cat. 10726 S. [49].
	"	—0 .0275 —0 .595	"	Pulk. Cat. 1875.0 nach B. B. VII.
	"	—0 .0269 —0 .593	"	Engelmann A. N. 70 S. 287.

- Nr.
- 2439 Duplex seq. E. B.  $-0^s.0042 + 0''.064$  nach Nobile A.N. 100 S. 228.
- 2450 Leipzig A.G.C.  $5^s.14, 16''.4; 8^m.7$  Ep. 1869.20 (2 Beob.).
- 2452 B.D.  $+18^\circ$ , 2040 ist mit B. angedeutet, kommt jedoch in B.B. VI nicht vor. Wohl B.D. 2039. Der Unterschied zwischen 2039 und 2040 ist  $6^s$  in A.R. und  $0'.4$  in Decl.
- 2456 Der Buchstabe B. hinter B.D.  $-0^\circ$ , 2063 gehört B.D. 2061 an.
- 2494 Mikrometer-Anschluss an B.D.  $+13^\circ$ , 2019 = Schj. 3297, 1892 Mai 19. Stern schwächer als 9.5.
- 2496 Nach brieflicher Mittheilung von Dr. Knorre ist durch unrichtige Reduction auf den scheinbaren Ort die Decl. um  $+17''.6$  zu corrigiren.
- 2510 Mikrometer-Anschluss an B.D.  $+58^\circ$ , 1167 = Helsingfors A.G.C. 5780, 1892 Mai 17.
- 2519 Mikrometer-Anschluss an B.D.  $+57^\circ$ , 1190 1892 Mai 17.
- 2532 E.B.  $-0^s.001 -0''.20$  nach Porter Prop. motions 500.  
"  $-0.0000 -0.109$  " Paris Cat. 11188.  
"  $-0.0026 -0.231$  " Stumpe A.N. 125 S. 404; auch in Berlin A.G.C.
- 2539 Die Decl. von A.N. 81 ist  $10''$  grösser als von A.N. 84, und da dieser letzte Werth mit Weisse, 1507 stimmt, ist dieser beibehalten.
- 2545 Die Correction wird durch die von Romberg angeführten Quellen und durch  $M_1$  3847 bestätigt.
- 2563 Die Declination der zweiten Beobachtung aus Leiden A.N. 85 S. 199 ist  $18''.7$  statt  $10''.7$  zu lesen.
- 2566 Nach brieflicher Mittheilung von Dr. Knorre würde die A.R. A.N. vielleicht um  $-1^m$  zu corrigiren sein. Diese Meinung wird nicht bestätigt durch Weisse und Schjellerup, deren A.R. sehr gut mit A.N. stimmen. In B.D. findet sich  $1^m$  früher kein Stern.
- 2580 In Wien ist nach A.N. 111 S. 289 (Autorität Struve Pos. med.) 1100 praec. beobachtet.
- 2606 Weisse und B.Z. sind nach den A.R. in A.N. und B.B. VI 2028 um  $-5^s$  corrigirt.
- 2607-09 Dieser Stern findet man in keinem anderen Cataloge.
- 2612 Mikrometer-Anschluss an B.D.  $+49^\circ$ , 1834. 1893 Januar.
- 2615 Mikrometer-Anschluss an B.D.  $+59^\circ$ , 1236 = Helsingfors A.G.C. 5942.
- 2617 Leidener Meridianbeobachtung vom 29 März 1894, brieflich mitgetheilt.
- 2631 Nach brieflicher Mittheilung von Dr. Holetschek ist dieser Stern am Mittagsfernrohr in Wien beobachtet; die Bestimmung ist jedoch sehr unsicher wegen Schwäche des Objects, und wohl auszuschliessen. Vielleicht ist 2631 identisch mit 2630.
- 2635 Herr A. Pannekoek hat 1896 März 22 nachgesucht ob er an dem Orte der B.D., ausserhalb des in Leiden beobachteten Sterns, noch einen zweiten Stern finden konnte; es war keiner da. Durch Anschluss an anderen Sternen zeigte es sich dass die A.R. der B.D.  $5^s$  fehlerhaft war.
- 2640 Nach brieflicher Mittheilung des Herrn Dr. Knorre ist die Declination um  $+9''.0$  corrigirt worden.



- Nr.
- 2641 In Romberg's Berichtigung zu  $9^h 7^m 48^s + 47^\circ 25'.1$  ist der 15 Juni 1877 in Kremsmünster benutzte Vergleichstern B.D.  $47^\circ 1674$  genannt; er war B.D.  $47^\circ 1675$ .
- 2642 Nach Mittheilung von Dr. E. F. v. d. S. Bakhuyzen ist die A.R. von A.N. um  $-2^s$  corrigirt worden.
- 2646 Mikrometer-Anschluss an B.D.  $59^\circ 1238 =$  Helsingfors A.G.C. 5969.
- 2656 Nach Mittheilung des Herrn Holetschek ist die Beobachtung im Wiener Mittagsternrohr, der Schwäche des Sterns wegen, wenig zuverlässig. An die Declinationen ist bei der von Holetschek angezeigte Correction von  $-6'$ , noch die durch die übrigen Beobachtungen erforderte Correction von  $+20''$  angebracht.
- 2662 Mikrometer-Anschluss an B.D.  $+58^\circ$ , 1196 und 1197 = Arg.-Oeltzen 9983 und 9986. 1892 Aug. 11.
- 2676 Die Oerter A.N. 81 S. 351 und A.N. 84 S. 243 beziehen sich auf dieselben Beobachtungen. In Lund A.G.Z. findet man Z. 171 und Z. 175 bei den Beobachtungen von B.D. 2006:  $9^h 27^m 45^s.71 + 37^\circ 26' 11''.8$  die Bemerkungen „\* suit“. Dieser Stern, der in Lund nicht scheint beobachtet zu sein, ist vermuthlich B.D. 2007.
- 2677 Leipzig A.G.C.  $8^m.6; 57^s.55, 56''.5$ . Ep. 1869.16 (2 Beob.). Weisse, B.Z. ist also wahrscheinlich um  $10''$  zu corrigiren.
- 2678 Die Correction der Declination  $-5'$  gründet sich auf die Vergleichung der Hesperia Beob. am 20 Februar 1866 in Königsberg und 19 Februar in Leiden, A.N. 67 S. 362, welche durch diese Correction in gute Uebereinstimmung gebracht werden. Die Position stimmt dann auch mit B.D. 2197.
- 2688 Obgleich es nicht erwähnt wird, ist es wahrscheinlich dass 2687 praec., 2688 seq. ist.
- 2695 Dr. Knorre berichtet: Nach dem Manuscripte ist diese Position um  $+10'$  und die Praecession eines Jahres zu corrigiren, sie ist also 1870.0:  $9^h 30^m 45^s.11 + 58^\circ 43' 8''.5$ . Durch die Leidener Meridianbeob. bei unterer Culm. 1895 Sept. 28 ist diese Correction bestätigt.
- 2705 Die Uebereinstimmung der Wiener Beobachtung mit den anderen Beobachtungen ist erhalten durch die Correctionen  $-1^s$  und  $20''$ . Dr. Holetschek bemerkt dass die Beobachtung wegen Schwäche des Objects nicht zuverlässig ist.
- 2707 Dieser Stern findet sich nicht in B.B. VI, auch nicht bei Lalande, Bessel und Rümker, die Buchstabe B in B.D. ist also zu streichen.
- 2715 Die A.R. von Bessel ist  $1^s$  kleiner als A.N. Nach brieflicher Mittheilung von Geheimrath Auwers ist Berlin A.G.C. 3904:  $28^s 18, 57''.9$ . Ep. 1870.3, keine merkbare E.B. Die A.R. von B.Z. ist also um  $1^s$  zu corrigiren.
- 2717 Leidener Meridianbeob. bei unterer Culm. Sept. 1893.
- 2730-31 In keinem anderen Cataloge. Die Position scheint doch gehörig gesichert.
- 2742 Nach Mittheilung von Dr. Knorre ist A.N. um  $1^s$  corrigirt. Weisse<sub>2</sub> 840, B.Z. 280 giebt  $47^s.75, 35''.0; 9^m$ .
- 2746 Weisse<sub>1</sub> 878:  $4^s.16, 10''.8; 9^m$ . Von den zwei nahe liegenden Sternen B.D. 2211 und B.D. 2212 ist in B.D. praec.  $9^m.0$ , seq.  $8^m.8$  dagegen bei Weisse praec. 9, seq. 9-10.

Nr.

2755. Nach brieflicher Mittheilung von Dr. E. F. v. d. S. Bakhuyzen ist in A. N. A. R. um  $+ 2^s$ , Decl. um  $- 10''$  zu corrigiren.
- 2764 Diese Correction wird bestätigt durch Göttingen B. D.  $- 0^\circ$ , 2256:  $8^m.0\ 9^h\ 44^m\ 2^s.2 - 0^\circ\ 50'.1$  und durch Karlsruhe Heft II S. 188:  $1^s.81, 22''.8; 8^m.0$ .
- 2769 Nach brieflicher Mittheilung von Herrn Wilterdink ist Decl. A. N. um  $+ 10'$  corrigirt. Wie auch in Pulkowa Cat. 1875.0 bemerkt, ist die Decl. von B. D. 587  $12'$  zu gross.
- 2775 Mikrometer-Anschluss an B. D.  $+ 13^\circ$ , 2167, 1892 Juni 3.
- 2777 In Weisse ist die Reduction der Decl. auf 1825.0 mit falschem Zeichen angebracht. Nach Luther's Reductionstabeln ist die anzubringende Correction  $- 3'\ 26''.5$ .
- 2786 Die von Romberg angegebene Correction wird durch die Leidener Beobachtung und den Markree Catalog bestätigt.
- 2797 Nach brieflicher Mittheilung von Dr. Knorre ist A. R. um  $- 10^s$  corrigirt.
- 2798 Leipzig A. G. C.  $8^m.9; 50^s.57, 44''.4$  Ep. 1869.65 (2 Beob.).
- 2800 Da die Position in den A. N. auf zwei gut stimmende Berliner Beobachtungen beruht, ist die Decl. der Greenw. 6 Year Cat. vermuthlich  $10''$  fehlerhaft.

2815-16 Die Correction von Romberg  $- 8^s$  wird durch viele Cataloge bestätigt. Man hat:

Lalande 19567	$9^h54^m23^s.43$	$+ 9^\circ33'12''.4$	Ep. 1798.18
Weisse <sub>1</sub> 1138	23 .68	10 .0	" 1823.24
Rumker 3038	23 .36	8 .1	" 36
Paris <sub>2</sub> 12298	23 .64	5 .7	" 61.3
A. N. 69 S. 71	23 .44	6 .1	" 65.73
Paris <sub>3</sub> 12298	23 .40	4 .8	" 72.2
Glasgow <sub>1</sub> 2600	23 .32	4 .2	" 75
Public. XVIII A. G.	23 .35	3 .3	" 86.27
Glasgow <sub>2</sub> 858	23 .29	2 .7	" 90

Deutliche E. B. in Decl.

- 2849 A. N. um  $10''$  corrigirt, wie Bessel's Zonen und Bonn A. G. C. erfordern.
- 2850 Romberg betrachtet diese Position durch Anschluss bestimmt; der Anschluss fand jedoch statt am Meridiankreise an nahen Fundamentalsterne, sehe A. N. 85 S. 383. Der Stern findet sich sonst in keinem Cataloge; seine Position ist jedoch gesichert durch 2851.
- 2852 Leipzig A. G. C.:  $8^m.6; 9^h\ 58^m\ 33^s.91 + 9^\circ\ 15'\ 35''.7$  Ep. 1884.21. 2 Beobachtungen.
- 2855 Der in Berlin A. N. 88 beobachtete Stern ist nicht derselbe als Weisse<sub>2</sub> 1229 und Bonn A. G. C. 7455, sondern ist nach einer brieflichen Mittheilung von Prof. Deichmüller ein Comes, der in Bonn 1873 März 27,  $9^m.5, 13''$  dist. praec. bor. geschätzt ist.
- 2866 Die Königsberger Declination ist richtig wie aus der Victoria Beob. 1881 März 6 daselbst angestellt hervorgeht. M<sub>1</sub> 4925 ist also um  $- 1'$  corrigirt.

- Nr.
- 2883 Mikrometer-Anschluss A. N. 101 um  $+17''.6$  (Praec.) corrigirt. Die starke Abweichung der Beobachtung 1881 Oct. 25 des Kometen Denning, 1881 V in Odessa, wird dadurch erheblich verringert. Siehe Veröffentlichungen der Karlsruher Sternwarte Heft III S. 178.
- 2889 Harvard Coll. Cat. of 1213 stars Nr. 437 hat:  $8^m.5$ ,  $53^s.09$ ,  $2''.4$ . 3 Beob.
- 2907 Der in Berlin und Pola bestimmte Stern ist nicht identisch mit dem Sterne aus dem Markree Cat., wie Herr Pannekoek 1896 März 22 am Refractor nachgewiesen hat. Der in Markree beobachtete Stern ist ungefähr eine Grösse heller als der Stern in A. N.
- 2918 Romberg's Verbesserung von  $-30'$ , Publ. XVIII A. G., wird auch durch Rümker 3121 bestätigt.
- 2932 Die Declination ist nach der Reduction auf 1825.0 aus Bessel's Zonen mit Luther's neue Reductionstafeln um  $-9'30''$  zu verbessern.
- 2950 Dieser Stern wurde in keinem Cataloge gefunden, ist jedoch durch die gut stimmende Berliner Beobachtung 2951 hinreichend gesichert.
- 2960 Von den in A. N. 79 und 81 publicirten Leidener Meridianbeobachtungen findet man in A. N. 85 eine verbesserte Reduction. Diese ist unter 2960 angenommen.
- 2967 Genäherte Meridianbeobachtung in Leiden 1893 März 28.
- 2969 E. B.  $+0^s.0122 - 0''.883$  nach Pulkowa Cat. und Argelander 250 Sterne Nr. 94.  
 „  $+0.011 - 0.89$  „ Porter Proper motions Nr. 572.  
 „  $+0.0108 - 0.902$  „ Bischof Eigenbewegungen S. 13.  
 „  $+0.0089 - 0.884$  „ Bonn A. G. C. und Stumpe A. N. 125 S. 405.  
 Im Pulkowa Cat. ist die Praec in A. R.  $3^s.7308$ , in Bonn A. G. C. und in diesem Cataloge  $3^s.7305$ .
- 2973 Dieser Stern findet man auch an derselben Stelle auf C. H. F. Peters Karte Nr. 1 und 2  $10^m.5$  und auf der Pariser Karte Nr. 31 11-12<sup>m</sup>.
- 2979 Nach brieflicher Mittheilung von Dr. E. F. v. d. S. Bakhuyzen die Decl. in A. N. um  $1'$  verbessert. Helsingfors bemerkt: Dupl.  $10''$  seq.; comes  $9^m.4$ .
- 2993 Mikrometer-Anschluss an B. D.  $+8^\circ$ , 2368 = Paris 12864.
- 3002 Vielleicht E. B.
- 3012 Wegen der schlechten Uebereinstimmung mit B. D. habe ich 1892 April 8 den Stern am Leidener Refractor angeschlossen an B. D.  $+12^\circ$ , 2219 = Paris Cat. 12887, und an B. D.  $+12^\circ$ , 2235 = Paris Cat. 12979 (bloss in  $\alpha$ ) und fand genähert:  $10^h26^m40^s.7+12^\circ16'.0$ , sodass B. D.  $+12^\circ$ , 2233 in A. R.  $2^s$  zu gross und in Decl.  $3'$  zu südlich ist.
- 3017 Die Ursache des beträchtlichen Unterschiedes zwischen Kremsmünster und den beiden gut stimmenden Positionen Arg.-Oeltzen und Cambridge (M.) ist nicht leicht nachzuweisen.
- 3025 Die in dem Cataloge angenommene Position ist der A. N. 85 S. 202 publicirte Mittelwerth.
- 3031 Die Correction von B. B. VI 2508 um  $-2'$  wird durch die Berliner Beobachtung und die brieflich mitgetheilte Leidener Meridianbeobachtung von Dr. E. F. v. d. S. Bakhuyzen bestätigt.
- 3041 Die Decl. der A. N. um  $+18''.7$ , den Betrag der Praecession, verbessert.
- 3045 Mikrometer-Anschluss an B. D.  $+5^\circ$ , 2370 und 2371.

- Nr.
- 3046 Da A.R. B.D.  $+35^\circ$ , 2171 3<sup>s</sup> grösser ist als A.R. A.N., hat Dr. E. F. v. d. S. Bakhuyzen den Stern 1893 Sept. auf's neue im Meridian beobachtet und den früheren Ort bestätigt gefunden. B.D. ist also 3<sup>s</sup> zu gröss.
- 3049 Genäherte Meridianbeobachtung 1893 März.
- 3050 Mikrometer-Anschluss A.N. 77 um  $-20''$  corrigirt. Diese Correction wird angezeigt durch die Beobachtungen von Clio Febr. 28 und März 1 A.N. 77 S. 353, welche mit der richtigen Decl. des Vergleichsterns reducirt sind.
- 3052 Mikrometer-Anschluss an B.D.  $+48^\circ$ , 1886 = A. Oe. 11054-5 in A.R. und an B.D.  $+48^\circ$ , 1883 = A. Oe. 11011 in Decl. 1893 April 22.
- 3057 Nach brieflicher Mittheilung von Dr. Knorre gilt die Decl. A.N. für 1876.0 und nicht für 1875.0. Die Declination deshalb um  $+18''.8$  corrigirt.
- 3069 E.B. —  $0^s.0303$  —  $0''.070$  nach Pulkowa Cat.  
" —  $0.029$  —  $0.06$  " Porter Prop. motions Nr. 589.  
" —  $0.0320$  —  $0.067$  " Stumpe A.N. 125 S. 405 und Bonn A.G.C.
- 3072 A.N. 85 S. 202 ist die verbesserte Position der Leidener Meridianbeobachtungen A.N. 79 138, 147 und 81 155.
- 3073 Leipzig A.G.Z.  $9^m.1\ 10^h\ 37^m\ 25^s.85 + 8^\circ\ 15'\ 28''.9$  Ep. 1884.21. 2 Beob.
- 3079 Mikrometer-Anschluss an B.D.  $+8^\circ$ , 2409 = Schjellerup 3933. Später 1893 Sept. Meridianbeob. in Leiden von Dr. E. F. v. d. S. Bakhuyzen.
- 3081 Die Helsingforser A.G.C. 6471 erfordert die Correction  $+30'$ , wie sie aus den Helsingforser Zone-Beob., B.D. und Arg.-Oeltzen 11101:  $8^m.9\ 10^h\ 38^m\ 41^s.31 + 59^\circ\ 54'\ 33''.0$  hervorgeht.
- 3082 Im Leidener Refractor zeigte sich an dem angegebenen Ort kein Stern; in einiger Entfernung war ein Stern, dessen Position durch Mikrometer-Anschluss an B.D.  $+8^\circ$ , 2409 = Schjellerup 3933:  $10^h\ 38^m\ 37^s + 8^\circ\ 6'.8$  wurde gefunden. Dieser Stern ist auch 1894 März 27 am Meridiankreise in Leiden beobachtet; nach brieflicher Mittheilung von Dr. E. F. v. d. S. Bakhuyzen war A.R.  $10^h\ 38^m\ 37^s.20$  Decl.  $+8^\circ\ 6'\ 51''.5$ . Da Dr. Knorre berichtete, dass kein Fehler zu finden sei und die Berliner Position auf zwei gut stimmenden Beobachtungen beruht, ist an diese Position keine Verbesserung angebracht. Die Möglichkeit der Stern sei ein variabilis ist nicht ausgeschlossen.
- 3101 Die Decl. von A.N. ist  $24''.5$  nördlicher als Weisse<sub>1</sub> 745. Die brieflich mitgetheilte A.R. und Decl. nach der Leidener Meridianbeobachtung 1894 März 27 zeigt dass Weisse richtig ist. Eine Correction der Decl. A.N. um  $-18''.8$  (Praecession) bringt die Berl. Decl. in sehr gute Uebereinstimmung mit der Leidener Beobachtung, daher ist diese Correction angebracht. In Public. der v. Kuffner'schen Sternwarte findet man  $8^m.7$ ;  $10^h\ 42^m\ 37^s.34 - 6^\circ\ 30'\ 59''.3$ .
- 3103 Die Decl. ist um den Betrag der jährlichen Praecession  $-18''.9$  corrigirt mit Rücksicht auf die Position dieses Sterns in Annals of Harvard Coll. Vol. XV. Catalogue of 1213 stars Nr. 465, welche auf die A.N. 78 und 79 publicirten Beobachtungen beruht.
- 3104 Meridianbeobachtung und Mikrometer-Anschluss A.N. 94 S. 235 sind um  $10^s$  zu corrigiren, wie sofort aus der Beobachtung von Eunike (181) 1878 März 1 und B.D. hervorgeht. Der Stern findet sich auch in Washington Obs. 1879 S. 214 Nr. 194, und Washington Obs. 1880 S. 182 Nr. 447:  $39^s.93$ ,  $33''.6$  und  $39^s.96$ ,  $32''.5$ .

- Nr.
- 3158 E. B.  $-0^s.0254$ ,  $-0''.116$  nach Pulk. Cat. und Arg. Cat. 250 Sterne Nr. 103.  
 „  $-0.024$ ,  $-0.08$  „ Porter Cat. Prop. motions 612.  
 „  $-0.0271$ ,  $-0.114$  „ Stumpe A. N. 125 S. 405.
- 3164 Nach brieflicher Mittheilung von Geheimrath Auwers ist Berlin A. G. C. 4344:  $10^h 57^m 32^s.51 + 16^\circ 31' 35''.2$  Ep. 1870.03. 3 Beob. Weisse, 10, 1122, sehe Positiones emendatae,  $32^s.20$ ,  $37''.2$ .
- 3167 Durch Vergleichung der Declination von Juewa (139) am 17 April 1881 in Königsberg beobachtet, mit den Beobachtungen dieses Planeten an demselben Abend in Wien und O'Gyalla angestellt, findet man dass die Declination von 3167 A. N. ungefähr  $20''$  zu klein ist. Es ist deshalb die Decl. um den Betrag der Praec. für 1881,  $19''.3$ , vergrössert.
- 3175 Aus der Vergleichung der Berliner Beobachtung des Planeten Terpsichore, 1881 März 13, A. N. 81 S. 87, der Leidener Meridianbeobachtung dieses Planeten an demselben Abend (A. N. 79 S. 135) und der Washingtoner Beobachtung 22 Februar (A. N. 79 S. 101) mit der Ephemeride geht hervor dass Decl. A. N. 3175 um  $+1'$  zu corrigiren ist.
- 3181 Die von Romberg Publ. XVIII A. G. angezeigte Correction auch bestätigt durch  $M_2$  3677.
- 3207 A. N. 71 S. 175 giebt die Decl. des praec.  $7''.4$  südlicher als A. N. 70 S. 289 und A. R. 1<sup>m</sup> zu gross. Nach den anderen Bestimmungen ist A. N. 70 S. 289 als richtig angenommen.
- 3208 Die Bemerkung bei 3207 gilt auch für sequens.
- 3215 Leipzig A. G. Z.  $9^m.6$ ;  $11^h 9^m 8^s.59 + 8^\circ 27' 59''.0$  Ep. 1884.15. 2 Beob.
- 3231 Mikrometer-Anschluss A. N. 100 S. 329 ist dieselbe Bestimmung als diejenige des Sterns  $\epsilon$  im Berl.-Circular 156. Die dabei vermuthete E. B. hat sich nach Schönfeld's Untersuchung Berl.-Circular nicht bestätigt.
- 3232 Ist Stern  $d$  aus Berliner Circular 156 in Kremsmünster bestimmt.
- 3233 Ist Stern  $a$  aus Berliner Circular 157 in Kremsmünster bestimmt. Vielleicht eine verbesserte Reduction des in Circular 156 erwähnten Ortes.
- 3242 Nach die Bemerkung von Prof. Schönfeld Berliner Circular 159 sind Weisse und B. Z. um  $+20^s$  corrigirt.
- 3244 Aus der Vergleichung der Declinationen des Planeten Aschera (214) 1880 März 8 in Pola, Leipzig und Königsberg, Berliner Circular Nr. 132 und A. N. 100 S. 241, geht hervor dass die Declination des Vergleichsterns in Königsberg um ungefähr  $18''$  zu vergrössern sei. Es ist daher die Decl. der A. N. um den Betrag der jährlichen Praecession  $+19''.7$  corrigirt. Die Königsberger Beobachtung ist dann in Uebereinstimmung mit Albany A. G. C.
- 3260 Dieser Stern hat eine starke E. B.; nach Stumpe A. N. 125 S. 405:  $+0^s.0479$ ,  $-0''.146$ . Sehe Argelander Untersuchungen über neue Sterne mit Eigenbewegungen 324.
- 3264 Mikrometer-Anschluss an B. D.  $+6^\circ$ , 2441 = Weisse 11 Nr. 291, B. Z. 157, 1893 April 22. Stern sehr schwach 11<sup>m</sup>.
- 3265 Durch briefliche Mittheilung von Dr. Knorre ist die von Romberg Publ. XVIII A. G. angezeigte Correction in A. R. bestätigt.

- Nr.
- 3267 Wie die Cap-Beobachtung und B. D. zeigen müssen Weisse und B. Z. um 1<sup>m</sup> corrigirt werden.
- 3270 Mikrometer-Anschluss an B. D. + 7°, 2445.
- 3280 Die Decl. A. N. 102 S. 287 ist um + 10" zu corrigiren, wie hervorgeht aus der Wiener Beobachtung von Juewa 1881 März 17. A. N. 102 S. 282, welche mit der richtigen Declination reducirt ist. Leipzig A. G. C. 9<sup>m</sup>,3; 11<sup>h</sup> 21<sup>m</sup> 5<sup>s</sup>.00 + 8° 19' 19".5 Epoche 1884,15, 2 Beob.
- 3291 Siehe Bemerkung bei 1718.
- 3299 Die A. R. ist in A. N. um 6<sup>s</sup> kleiner als in Weisse, Lalande und Paris Cat. Die Declination stimmt. Es wird angenommen dass in A. R. die Praecession mit falschem Zeichen angebracht ist und deshalb A. R. in A. N. um + 6<sup>s</sup>.21 corrigirt.
- 3300 Nach brieflicher Mittheilung von Dr. Knorre ist die Praec. in A. R. mit falschem Zeichen angebracht worden. Der Ort in A. N. ist daher um + 7<sup>s</sup>.20 corrigirt. Arg.-Oeltzen 11859-60 hat 39<sup>s</sup>.93, 24".0; 8<sup>m</sup>.
- 3311 Leipzig A. G. Z. 9<sup>m</sup>.1; 11<sup>h</sup> 29<sup>m</sup> 17<sup>s</sup>.04 + 6° 10' 34".4 Ep. 1886.33. 2 Beob.
- 3317 Nach brieflicher Mittheilung von Geheimrath Auwers Berlin A. G. C. 4475 11<sup>h</sup>32<sup>m</sup>15<sup>s</sup>.86 + 15°20'37".2 Epoche 1870.0. 3 Beob.
- 3351 Die Bemerkung Luther's Königsb. Beob. 37 Abth. 1<sup>er</sup> Theil S. 35 zu Zone 75: 11<sup>h</sup>35<sup>m</sup>30<sup>s</sup>.13, dass die Minute auch 36 sein kann, bestätigt sich nicht. E. B. wurde wahrscheinlich sein, wenn Lal.-Bossert damit nicht in Widerspruch war.
- 3354 Wahrscheinlich ist diese Beobachtung schon in die Nummer 3352 aufgenommen, obgleich die Differenz ziemlich gross ist.
- 3358 Der Unterschied zwischen der Berl. Beob. A. N. und B. D. 2397 ist ziemlich gross. Am Leidener Refractor konnte Herr Wilterdink an der Stelle von 3358 keinen Stern finden. Er fand nur einen sehr schwachen Stern: 11<sup>h</sup>39<sup>m</sup>45<sup>s</sup>.5 + 10°46'.7 (1875.0). Vielleicht wäre also die Berl. Declination um 10' fehlerhaft. Nach Mittheilung von Dr. Knorre war in der Reduction dieser Beobachtung kein Fehler vorhanden; nur steht bei der Kreisablesung das Zeichen +.
- 3359 Nach brieflicher Mittheilung von Geheimrath Auwers Berlin A. G. C. 4512: 56<sup>s</sup>.35, 3".7 Epoche 1870.2. 2 Beob. Leipzig A. G. Z. 56<sup>s</sup>.36, 5".5. 3 Beob. Epoche 1880.01, 83.57.
- 3361 Der Stern hat eine starke E. B. daher ist die Ep. der Cordoba Beob. mittgetheilt.  
           E. B. — 0<sup>s</sup>.132, + 0".41 nach Melbourne second Cat.  
           " — 0.1322, + 0.402 " Stumpe A. N. 125 S. 406.  
           " — 0.133, + 0.39 " Porter Prop. mot. 671.
- 3369 Die Abweichung in Decl. der Königsberger Beob. von den übrigen Declinationen lässt sich nicht aus E. B. erklären, denn man hat:
- |                     |                            |                |
|---------------------|----------------------------|----------------|
| Weisse 703          | 22 <sup>s</sup> .74, 43".3 | Epoche 1822.34 |
| M <sub>1</sub> 7224 | 22.71, 47.7                | " 1841.34      |
| Harvard Zone        | 22.76, 45.7                | " 1855.29      |
| A. N. 74 S. 247     | 22.63, 38.8                | " 1868.3       |
- Die Declination von Circe (34) 1867 März 14 A. N. 74 S. 244 mit der Königsberger Decl. reducirt, weicht auch ungefähr 10" von den übrigen Declinationen ab. Es ist deshalb die Declination A. N. um + 10" corrigirt.

Nr.

- 3377 Nach brieflicher Mittheilung von Dr. Peter ist dieser Stern Clotho (97) gewesen.
- 3380-81 Die von Romberg angezeigte Correction, Publ. XVIII A. G., dass die Decl. der Berliner Bestimmung 81 S. 72 N<sup>o</sup>. 252 um  $-1^m$  zu corrigiren ist, wird bestätigt durch die verglichenen Quellen und durch A. N. 105 S. 197.
- 3383 Nach brieflicher Mittheilung von Dr. Peter ist die A. R. um  $-1^m$ , die Decl. um  $-1'$  zu corrigiren.
- 3384 Die Annahme dass die A. R. nicht für 1868.0 sondern für 1869.0 gilt, bringt A. N. 73 S. 367 ganz in Uebereinstimmung mit den übrigen Positionen. Höchst wahrscheinlich beruhen 3384 und 3386 auf denselben Beobachtungen, deren R. A. anders reducirt sind.
- 3391 Nach brieflicher Mittheilung von Dr. Knorre war das beobachtete Object Amalthea.
- 3392 Der Fehler in der Epoche zeigt sich sogleich in der entsprechenden Planeten-Beobachtung.
- 3396 Mikrometer-Anschluss an B. D.  $+11^{\circ}24'11''$ , 1892 Juni 3.
- 3397 Aus der R. A. des mit 3397 identischen Sterns Lamont 736, und aus der Proserpina Beobachtung von 28 Febr. 1870 A. N. 76 S. 57 geht unmittelbar hervor dass, wie Romberg, Publ. XVIII A. G., angiebt, die A. R. um  $+10^m$  zu corrigiren ist. Die Position von 3397 ist erhalten aus der Position N<sup>o</sup>. 12 A. N. 76 S. 59, nachdem die Münchener Position davon getrennt war.
- 3400 Die Epoche ist nicht 1870.0 sondern 1871.0, wie aus der entsprechenden Planeten Beobachtung von Amalthea hervor geht. Der Stern ist nicht 6 Virginis sondern A<sup>2</sup> Virginis; Pulk. Obs. Vol. VIII S. 271 N<sup>o</sup>. 1800  $38^{\circ}38', 19''.2$ ; E. B.  $-0^{\circ}.0037 + 0''.013$ .
- 3412 Die Epoche der A. R. und Decl. in A. N. ist nicht 1870.0 sondern 1868.0 wie hervorgeht aus der Vergleichung der Beobachtungen von Hecuba (108) in Berlin 1869 April 27 bis Mai 1 mittels dieses Vergleichsterns angestellt, A. N. 81 S. 91, mit der Leipziger Beobachtung desselben Planeten 1869 April 28 A. N. 74 S. 231.
- 3447 Weisse<sub>1</sub> 903 B. Z. 157 giebt für 1875.0  $11^h 52^m 51^s.67 + 5^{\circ} 19' 41''.5$   $9^m$  Ep. 1823.27  
M<sub>1</sub> 7475 " " 51.81 41.9 9 " 42.31  
A. N. 112 " " 51.16 44.9 8.8 " 85.3  
Küstner " " 51.11 43.4 8.8 " 85.31  
Vielleicht schwache E. B. in A. R.
- 3448 Weisse<sub>1</sub> 905 B. Z. 157 giebt für 1875.0  $11^h 53^m 53^s.52 + 6^{\circ} 3' 56''.5$   $9^m$  Ep. 1823.27  
M<sub>1</sub> 7476 " " 53.27 54.6 9 " 43.07  
A. N. 81 " " 52.68 43.2 " 70.36  
Ziemlich deutliche E. B.
- 3451 Weisse<sub>1</sub> 910 B. Z. 67 giebt für 1875.0  $11^h 54^m 4^s.47 - 3^{\circ} 50' 46''.1$   $8^m.9$  Ep. 1822.28  
M<sub>1</sub> 7481 " " 4.65 45.0 " 43.35  
Göttingen II 3040 " " 4.62 49.2 " 58.32  
Die Decl. von A. N. ist also vielleicht um  $+5''$  zu corrigiren.
- 3477 Genäherte Meridianbeob. März 1893 von Herrn Wilterdink. Ein Mikr. Anschluss 1892 Juni 3 an B. D.  $+37^{\circ}$ , 2243 gab  $24^{\circ}.3, 14'.4$ .

Nr.

3481 Dass die Epoche 1871.0 statt 1870.0 sein muss, folgt unmittelbar aus der entsprechenden Planetenbeobachtung. B. B. VI + 9°, 2577 (3 Beob.) giebt für 1875.0  $11^h 56^m 56^s.67 + 9^\circ 0' 24''.0$ ;  $9^m.3$ .

3510 Genäherte Meridianbeob. 1893 März von Herrn Wilterdink. B. D. giebt  $30^s.6, 31', 6$ .

3511 Diese Beobachtung ist vermutlich in N°. 3510 aufgenommen.

3518 Man findet von diesem Stern für 1875.0 folgende Oerter:

Weisse <sub>1</sub> XI 1016 B. Z.	154	$12^h 0^m 53^s.09$	$+ 11^\circ 13' 53''.3$	1823,24
Rümker 3820		52.88	46.6	36
Göttingen II 3081		52.89	49.8	58.28
M <sub>1</sub> 7635		52.78	55.4	68.37
Leipzig A. G. Z.		52.73	47.5	69.25 3 Beob.
Küstner A. N. 98		52.71	47.9	80.32 5 Beob.

Die Declination des Sterns ist in Göttingen II 3081  $11^\circ 13' 55''.3$ ; nach brieflicher Mittheilung von Prof. Schur ist dieser Werth um  $- 5''.5$  zu corrigiren.

3527 Leidener Meridianbeob. 1893 März.

3548 E. B —  $0^s.0417 + 0''.458$  Stumpe A. N. 125  
 „ —  $0.0401 + 0.456$  Bischof 337.  
 „ —  $0.040 + 0.41$  Porter Prop. mot. N°. 696  
 „ —  $0.0409 + 0.442$  M<sub>2</sub>.

3554 Weitere Positionen dieses Sterns sind:

Weisse <sub>1</sub> 93 B. Z.	75	$12^h 7^m 45^s.79$	$- 0^\circ 53' 49''.6$	$9^m$
Trettenero 445		45.60	46.5	9

Die Declination der A. N. ist also wahrscheinlich um  $10''$  fehlerhaft.

3578-79 Weisse<sub>1</sub> 179 B. Z. 237  $12^h 12^m 49^s.69 + 7^\circ 42' 8''.6$  Ep. 1824.33  
 Rümker 49.52 1.0 „ 1852  
 Yarnall 49.53 5.4 „ 1862.3  
 M<sub>1</sub> 7904 49.76 0.6 „ 1868.36

Also keine nachweisbare E. B.

3589 Nach brieflicher Mittheilung von Dr. Knorre ist die A. R. um  $+ 10^s$  corrigirt; es bleibt jedoch der Unterschied von  $14''.3$  zwischen den Berliner und Washingtoner Declinationen.

3594 Bei der Declination aus B. Z. 239 ist die von W. Struve angegebene Correction von  $- 7''.2$  (cf. Weisse, S. 247) berücksichtigt.

3611 In März 1893 ist von Herrn Wilterdink, in März 1894 von Herrn v. d. S. Bakhuyzen im Fernrohr des Meridiankreises kein Object an dem angegebenen Orte gesehen. Die nächsten Sterne bis zu  $9^m.5$  waren in  $\delta 1'$  in  $\alpha 26^s$  bei  $39^s$  entfernt. In Berlin konnte über diesen Stern kein Ausschluss gegeben werden. Die Karte N°. 13 von Prof. C. H. F. Peters zeigt keinen Stern an der angegebenen Stelle.

3640-43 In A. N. 78 ist die unter 3640 mitgetheilte Cambr. Mer. Beob. von 1871 April 17 verzeichnet als gehöre sie einem anderen Objecte als dem Mai 11, 12 und 15 in Cambr. beobachteten Stern, dessen Position in 3643 mitgetheilt ist. Die A. R. stimmt jedoch mit 3641 und 3642 und den verglichenen Quellen, Trettenero und Göttingen I, weicht aber  $0^s.3$  von 3643, Göttingen II und Weisse<sub>1</sub> 347 ab. Ueber Duplicität ist nirgends etwas mitgetheilt, sodass vermuthlich 3640 um  $- 30''$  zu corrigiren ist.



- Nr.
- 3649 E. B. —  $0^s.0009 + 0''.201$  Arg. Cat 250 St. Pulkowa Cat. 1875.0.  
 „ —  $0.0025 + 0.203$  Stumpe A. N. 125.  
 „ +  $0.002 + 0.18$  Porter Cat. Prop. Mot. N°. 717.  
 „ +  $0.0049 + 0.171$  Cambr. (Mass.) A. G. C. S. (35).
- 3651 Arg.-Oeltzen 12708 giebt  $12^h 25^m 8^s.99 + 74^\circ 8' 1''.8$ ; 8.9. Die von Romberg Publ. XVIII angezeigte Corr. von  $-5^s.19$ , wird durch die beiden verglichenen Quellen bestätigt.
- 3652-53 Vermuthlich ist die Königsberger Beob. A. N. 69 S. 363 schon in den 5 Königsberger Beobachtungen A. N. 73 S. 64 aufgenommen. In B. D. +  $14^\circ$ , 2511 ist K. durch B. zu ersetzen.
- 3657 Publ. der v. Kuffner'schen Sternwarte Bd. III Zone 32 hat  $12^h 26^m 58^s.16 - 9^\circ 28' 52''.3$ ; Weisse, 428 B. Z. 235 hat  $12^h 26^m 59^s.16 - 9^\circ 28' 54''.5$ . Dieser Stern zeigt E. B.
- 3658 Die genäherte A.R. in A.N. ist um  $-6^s$  corrigirt, wie Arg.-Oeltzen 12753  $12^h 28^m 5^s.11 + 47^\circ 26' 21''.4$ ;  $6^m.7$  und Armagh Cat. II verlangen.
- 3660 Leiden A. G. Z. 407 N°. 11 ist nach brieflicher Mittheilung um  $+10''$  zu corrigiren.
- 3661 Die A. R. von B. D. 2287 ist  $6^s$  grösser als A. N. und die Decl. ist  $6'$  nördlicher. Nach einer Leidener Meridianbeobachtung 27 März 1894 ist die A. R. in den A. N. richtig, die Decl. ist jedoch um  $+1'$  zu corrigiren; dieses ist nachher von Dr. Palisa bestätigt.
- 3683 Die Position in den A. N. ist in A. R.  $0^s.94$  kleiner, in Decl.  $4''.9$  südlicher als Weisse; da der Stern in keinem anderen Verzeichnisse gefunden ist, lässt sich nicht entscheiden ob E. B. davon die Ursache ist. Was die Position in Weisse, anbetriift, so ist zu bemerken dass man mit den alten Reductionstafeln für 1825.0 findet: aus Z. 67  $12^h 35^m 44^s.13 - 5^\circ 12' 33''.2$   
 „ Z. 239  $44.35 \quad 26.4$   
 Mittel  $12^h 35^m 44.24 - 5^\circ 12' 29''.8$ ;  
 wie Weisse 628. In Emendationes et corrigenda corrigirt Weisse die Declination  $29''.7$  in  $33''.2$ ; er hat also angeblich die Decl. Z. 239 verworfen. Reducirt man jedoch die beiden Zonen mit Luther's neue Reductionstafeln und wird nach Struve's Mittheilung, Weisse, S. 247, für den Anfang von Zone 239 die Correction  $-7''.4$  und für den Schluss  $-5''.7$ , also für den betreffenden Stern  $-7''.0$  angenommen, so hat man in guter Uebereinstimmung für 1825.0  
 nach Z. 67  $12^h 35^m 44.16 - 5^\circ 12' 33''.1$   
 „ „ 239  $44.36 \quad 33''.6$ .
- 3701-02 Beide Leipziger Beobachtungen sind in A. R. um  $+1^m$  corrigirt, wie schon von Romberg Publ. XVIII angegeben und durch B. D. und M<sub>1</sub> 4615 bestätigt ist.
- 3712 Leidener genäherte Meridianbeobachtung 1893 März zur Identification des Sterns.
- 3716 E. B. —  $0^s.0182 - 0''.351$  Bischof N° 127 (siehe Note Pulk. Cat. 1875.0)  
 —  $0.01709 - 0.2797$  Möller A. N. 77 S. 360  
 —  $0.0198 - 0.350$  Stumpe A. N. 125 S. 407  
 —  $0.0213 - 0.353$  Arg. Cat. 250 Sterne N°. 125  
 —  $0.018 - 0.37$  Porter Prop. mot. 736  
 —  $0.0213 - 0.353$  Pulk. Cat. 1875.0 (gleich Argelander).
- 3722 Die Correction von Romberg, Publ. XVIII A. G., ist von Palisa bestätigt.

- Nr.
- 3734 Nach Mittheilung von Dr. Peter ist das in Leipzig beobachtete Object (41) Daphne. Die von Romberg vorgeschlagene Correction von  $+ 1^m$ , welche an 3734 angebracht ist, ist deshalb unrichtig.
- 3736 Weisse<sub>1</sub> 801 B. Z. 159 giebt  $12^h 48^m 12^s.90 + 3^\circ 10' 53''.0$ , gut stimmend mit Albany. Daher ist A.N. um  $+ 10''$  corrigirt.
- 3737 Die nach den Emendationes in Weisse, S. 251 anzubringende Correction in Decl. von  $- 6''.9$  rührt her von der von Struve für Z. 239 (Weisse<sub>1</sub> S. 247) angezeigte Berichtigung. Die Position in diesem Cat. ist mit Luther's Reductionstafeln und Struve's Berichtigung erhalten. Nach v. Kuffner's Zone 42 ist der Ort für 1875.0  $12^h 48^m 17^s.71 - 6^\circ 56' 15''.9$ ;  $9^m.0$ .
- 3741 Weisse<sub>1</sub> XII 833 B. Z. 239 mit Struve's Corr.  $- 6''.9$  für Zone 239 (Weisse<sub>1</sub> S. 247) giebt für 1875.0  $12^h 49^m 50^s.06 - 6^\circ 43' 51''.5$ .
- 3748 Die bei 3683, 3737 und 3741 angezeigte Corr.  $- 6''.9$  ist auch hier an Weisse angebracht.
- 3752 E. B.  $- 0^s.0573 + 0''.165$  Bischof  
 „  $- 0.0560 + 0.192$  Arg. B. B. Bd. VII Verzeichniss 250 Sterne. Pulk. Cat. 1875.0  
 „  $- 0.054 + 0.17$  Porter Prop. mot. N<sup>o</sup>. 743.
- 3792 Dieser Stern zeigt bedeutende E. B. in  $\alpha$ . Weisse  $13^h 1^m 58^s.59 - 6^\circ 38' 38''.7$   
 Si<sub>2</sub>  $- 6^\circ 251$  58 .65 39 .4  
 A. N. Engelmann 57 .66 34 .4  
 v. Kuffner Zone 384, 40 57 .49 34 .7
- 3796 Die A. R. in den A. N. um  $+ 1^h$  vergrössert. Ein Stern diesser Grösse findet sich nicht in den B. D. an dem in den A. N. angezeigten Ort, wohl in  $13^h$ .
- 3798 Weisse<sub>1</sub> 5 B. Z. 81 giebt für 1875.0  $13^h 2^m 42^s.67 - 3^\circ 59' 19''.1$ . Daher ist M<sub>1</sub> um  $+ 1^s$  zu corrigiren.
- 3803 Der Ort in A. N. 108 S. 185 ist zusammengestellt aus einer Berliner Meridianbeobachtung und zwei Beobachtungen aus Bonn Bd. VI S. 111. Das Mittel der beiden Bonner Beobachtungen ist auf 1875.0 reducirt:  $13^h 3^m 36^s.75 + 20^\circ 48' 1''.7$ ;  $7^m.9$ .
- 3809 E. B. nach Bischof. N<sup>o</sup>. 354  $- 0^s.0322 + 0''.314$ , und nach W. Luther A. N. 111 S. 103  $- 0^s.0295 + 0''.277$ . Göttingen Cat. II N<sup>o</sup>. 3388 giebt für den auf 1875.0 reducirten Ort:  $13^h 5^m 10^s.80 + 10^\circ 16' 52''.5$  und Weisse<sub>1</sub> 40 B. Z. 232  $13^h 5^m 11^s.80 + 10^\circ 16' 35''.6$ .
- 3811 Weisse<sub>2</sub> 67 ist um  $- 10^s$  zu corrigiren.
- 3816 Weisse<sub>1</sub> 70 B. Z. 77 und 80 giebt  $13^h 6^m 27^s.32 + 2^\circ 47' 43''.7$ ;  $9^m$ .
- 3824 Der Ort A. N. 76 ist um  $- 1^s$  corrigirt, wie nicht bloss Weisse B. Z. und Göttingen Cat. II, sondern auch die Leipziger Beobachtung der Antiope 1870 März 23 erfordern.
- 3827 Nach Auwers Berl. A. G. C. 4866  $10^s.11, 20''.3$ ; Ep. 1870.9; 2 Beob.
- 3839 Zwischen dem Ort in A. N. und in München I zeigt sich ein erheblicher Unterschied. Weisse<sub>1</sub> 188 B. Z. 244 giebt  $13^h 12^m 38^s.00 - 8^\circ 30' 8''.6$ .
- 3841 In B. D. ist der Buchstaben B durch K zu ersetzen.

Nr.

3842 Die genäherte A. R. in A. N. ist um  $+ 1^s$  corrigirt. Die Epoche der Beobachtungen in Lund ist 1880 April 22 und 27; diese Beobachtungen deuten auf eine grössere E. B. in Decl.

3847 Mikrometer-Anschluss an B. D.  $+ 73^{\circ}589$  September 1892.

3848 Die genäherte A. R. in A. N. um  $- 10^s$  corrigirt, wie nicht nur Gr. 9 Year Cat. No. 1222, sondern auch Arg. Oeltzen 13558  $13^h15^m44^s.33 + 47^{\circ}55'29''.7$ ;  $6^m.7$  verlangt.

3854 Mikrometer-Anschluss an B. D.  $+ 73^{\circ}589$  Sept. 1892. Stern heller als  $9^m.5$ .

3870 Die von Romberg, Publ. XVIII A. G., angezeigte Correction von  $- 10^s$  wird bestätigt durch die Position in Karlsruhe Heft IV S. 160; dieselbe ist  $13^h21^m10^s.68 - 6^{\circ}10'0''.8$ ;  $8^m.0$ .

3876 Die Correction von  $1^m$  ist nach Publ. XVIII A. G. von Dr. J. Palisa bestätigt.

3890 Die Position dieses Sterns ist:

Weisse <sub>1</sub> hora XIII N <sup>o</sup> . 391 B. Z. 238	$13^h25^m14^s.60$	$- 9^{\circ}36'42''.8$	Ep. 1824.3
Santini <sub>2</sub> — $10^{\circ}294$	14 .11	$40''.0$	Ep. 1840?
Munchen <sub>1</sub> N <sup>o</sup> . 9252	13 .97	$46''.4$	
A. N. 101	13 .87	$47''.0$	Ep. 1880.36

Eigenbewegung ist deshalb wahrscheinlich wie auch in A. N. 101 S. 206 angezeigt ist.

3899—3901 Mikr. Anschluss an 9 Year Cat. 1241 in Toulouse A. N. 102 S. 206 giebt  $13^h26^m57^s.76$ ,  $79^{\circ}37'40''.4$ . Die Declination in A. N. 101 S. 382 ist um  $+ 1'$  zu corrigiren; die Declination in Kasan A. G. Z. bedarf der Correction von  $- 1'$ . Die verschiedenen Positionen dieses Sterns stimmen schlecht.

3909 Mikrometer-Anschluss an B. D.  $+ 72^{\circ},621$  Oct. 1892.

3915 Die Position dieses Sterns ist:

Lalande 25186	$13^h31^m59^s.92$	$- 6^{\circ}57'52''.1$	$9^m$
Weisse <sub>1</sub> 524 B. Z. 239	32 1 .09	$57\ 54\ .8$	9
v. Kuffner's Zone 43	32 0 .36	$58\ 0\ .2$	$8\ .6$

Aus der Vergleichung der verschiedenen Beobachtungen geht hervor dass die A. R. von Weisse und Brüssel um  $- 1^s$  zu corrigiren sind.

3936 Mikrometer-Anschluss an Weisse<sub>1</sub> XIII N<sup>o</sup>. 600.

3962 Die Correction der Rectascension von  $10^s$  (Publ. XVIII A. G. S. 50) wird auch durch die Beobachtung in Cordoba bestätigt.

3999 Radcliffe Catalogue 1890.0 3623 giebt  $13^h52^m55^s.80 - 4^{\circ}48'32''.21$ ;  $8^m.7$ . Ep. 1885.34. E. B. nach Radcl.  $0^s.0000 - 0''.090$ .

4004 Die Correction von  $- 10^s$  wird auch von Cordoba G. C. 18744 bestätigt.

4025 96 Virginis. Die Position dieses Sterns ist:

Pulk. Obs. Vol. VIII S. 279 N <sup>o</sup> . 2092	$14^h2^m21^s.08$	$- 9^{\circ}44'30''.1$	$6^m.5$	E. B. — $0^s.0007 + 0''.019$
Radcl. Cat. 1890.0 N <sup>o</sup> . 3664	20 .97	$28''.2$	7-6	

Die Correction der Decl. A. N. wird durch diese Quellen bestätigt.

- Nr.
- 4049 Das Mittel von 5 Beobachtungen von Becker, Catalog von 571 Bradley Sterne, giebt  $14^h 7^m 50^s.77$  —  $5^\circ 21' 55''.7$ .
- E. B. —  $0^s.0217 + 0''.09$  Auwers  
 „ —  $0.0217 + 0.095$  Stumpe  
 „ —  $0.0224 + 0.072$  Glasgow II.
- 4053 Mikrometer-Anschluss an B. D. +  $41^\circ, 2471$ , identisch mit Weisse<sub>2</sub> XIV 72.
- 4055 Duplex. Struve Pos. med. 1603 giebt an Simplex  $7^m.5$ . Nach Struve ist die Position  $14^h 10^m 44^s.61$  +  $20^\circ 42' 26''.1$  Ep. 1838.9.
- 4073 Die R. A. in A. N. 81 ist um  $1^s$  verringert, wie die Leidener Mer. Beob. A. N. 69, Santini<sub>3</sub> 1642, Küstner 439 und Weisse<sub>1</sub> 335 B. Z. 245 erfordern. Die Position von Weisse<sub>1</sub> ist  $14^h 23^m 8^s.31$  —  $12^\circ 20' 15''.2$ ;  $9^m$ . Die Position von A. N. 94 S. 291, obgleich an A. N. 81 S. 73 entlehnt, ist in R. A.  $0^s.29$  kleiner, in Decl.  $0''.2$  nördlicher. Die Praecession in R. A. in A. N. 81 ist unrichtig, statt  $3^s.204$  ist zu lesen  $3^s.240$ .
- 4096 In B. D. ist K. durch L. zu ersetzen.
- 4099 In Romberg Genäherte Oerter, Publ. XVIII A. G., lese man —  $17^\circ 15'5$  statt —  $17^\circ 5'5$ .
- 4100 Nach Mittheilung von Director Graham ist die Position in Cambr. A. G. Z.  $14^h 33^m 0^s.06$  +  $29^\circ 28' 14''.7$  Ep. 1883.4.
- 4102 Die Correction von —  $3^m$  ist brieflich von Herrn Obs. Wilterdink mitgetheilt.
- 4104 Die Position in A. N. 74 gilt für die Mitte, indem an die beobachtete Position des Hauptsterns die Corr. +  $0^s.22$  und —  $0''.6$  angebracht ist. Die hier mitgetheilte Position gilt für den Hauptstern. Die Position des Begleiters  $\Sigma$  1864 seq. ist nach Pulk. Cat. für 1875.0 N<sup>o</sup>. 3270  $14^h 34^m 51^s.71$  +  $16^\circ 57' 17''.4$ . E. B. —  $0^s.0012$  —  $0''.020$ .
- 4106 Die Position nach Arg. Weiss 11355 ist  $14^h 35^m 48^s.07$  —  $22^\circ 53' 22''.8$ . Die Helligkeitsangaben dieses Sterns sind sehr verschieden. Arg. Weiss hat  $6^m, 7^m.8, 6^m.7$ . B. D. 3821  $7^m.2$ .
- 4107 Nach Mittheilung von Director Graham ist die Position nach Cambr. A. G. Z.  $14^h 35^m 58^s.08$  +  $29^\circ 36' 0''.5$  Ep. 1877.1 (3 Beob.)
- 4108 Nach Auwers Berl. A. G. C. 5503  $8^s.54, 30''.4$  Ep. 1870.9 (2 Beob.)
- 4110 Dieser Stern zeigt E. B. Die Positionen sind:
- |                                   |                     |                         |            |
|-----------------------------------|---------------------|-------------------------|------------|
| Weisse <sub>2</sub> 772 B. Z. 290 | $14^h 37^m 13^s.17$ | + $18^\circ 36' 17''.8$ | Ep. 1825.5 |
| Rümker 4797                       | 13.36               | 7.4                     | „ 1844     |
| Pola                              | 13.83               | 35' 57.9                | „ 1880.44. |
- 4120 Leipz. A. G. Z.  $14^h 43^m 43^s.90$  +  $10^\circ 48' 52''.7$ ;  $8^m.9$  Ep. 1868.33 (2 Beob.)
- 4122 Leipz. A. G. Z.  $14^h 44^m 1^s.17$  +  $12^\circ 51' 27''.8$ ;  $8^m.4$  Ep. 1868.38 (2 Beob.)
- 4129 Die Declination nach Weisse<sub>2</sub> 1016 B. Z. 367 ist  $8''.3$  südlicher als diejenige von Weisse<sub>2</sub> 1015 B. Z. 366. Die Decl. von W<sub>2</sub> 1016 ist nun um  $10''$  corrigirt, wodurch die beiden Beobachtungen von Bessel unter einander und mit A. N. in guter Uebereinstimmung sind.

Nr.

4135-6 Die Bemerkung von Weiss die A. R. von Arg. Weiss 11538 soll 1<sup>s</sup> zu klein sein, wird durch die Positionen in den A. N. und durch M<sub>1</sub> 10733 nicht bestätigt.

4149 E. B. —0<sup>s</sup>.042 —0<sup>m</sup>.50 A. N. 111 S. 75  
 „ —0 .042 —0 .54 (approx.) nach Tacchini-Holden Cat. S. 64.  
 „ —0 .042 —0 .54 Porter Cat. of Prop. mot. N<sup>o</sup>. 855  
 „ —0 .042 —0 .50 Stumpe A. N. 125 S. 410.

4153 Die gesonderten Mer. Beob. von Berlin und Pola finden sich nicht in den A. N.

4163 Mikrometer-Anschluss an B. D. + 42°, 2656. Stern äusserst schwach; Decl. geschätzt.

4170 Die Correction +20'' der Decl. in A. N. gründet sich auf die mit Bessel übereinstimmenden Positionen:  
 Yarnall 6295 14<sup>h</sup> 57<sup>m</sup> 30<sup>s</sup>.60 —10° 32' 3''.0 8<sup>m</sup>  
 M<sub>1</sub> 10886 30 .24 3 .7 8<sup>m</sup>.

4173 Die gesonderten Mer. Beob. von Berlin und Pola finden sich nicht in den A. N. Die Correction der Decl. in A. N. um —20'' folgt aus Yarnall's Position und der Position in Cincinnati Zones N<sup>o</sup>. 2564 14<sup>h</sup> 58<sup>m</sup> 50<sup>s</sup>.48 —21° 55' 0''.4; 7<sup>m</sup>.5.

4178 Die gesonderten Mer. Beob. von Berlin und Pola finden sich nicht in den A. N.

4180 Nach brieflicher Mittheilung ist die Leidener Bestimmung (4181) richtig. Wenn angenommen wird dass die Position in A. N. 72 sich nicht auf das scheinb. sondern auf das mittl. Aeq. bezieht, wird sie für 1875.0

15<sup>h</sup> 0<sup>m</sup> 16<sup>s</sup>.43 —2° 41' 9''.3

also ziemlich gut stimmend mit den übrigen Positionen.

4198-99 Dieser Stern zeigt E. B.

4223 Nach brieflicher Mittheilung von Dr. E. F. v. d. S. Bakhuyzen ist die A. R. der A. N. um —2<sup>s</sup> berichtigt.

4260 Lalande 27833—35 hat 15<sup>h</sup> 10<sup>m</sup> 46<sup>s</sup>.07 —10° 2' 17''.5; Santini's 45<sup>s</sup>.82, 20''.1; 7<sup>m</sup>.8.

4264—65 Dunsink southern stars 547 hat 15<sup>h</sup> 13<sup>m</sup> 31<sup>s</sup>.55 —10° 42' 30''.5; 8<sup>m</sup>.7 also 1' nördlicher. Vielleicht E. B.

4273 Nach brieflicher Mittheilung von Dr. E. F. v. d. S. Bakhuyzen ist die A. R. in A. N. um —2<sup>s</sup> corrigirt.

4278 Argelander Oeltzen 15290 giebt 15<sup>h</sup> 15<sup>m</sup> 32<sup>s</sup>.81 + 45° 23' 3''.5; 9<sup>m</sup>, also in  $\delta$  etwa 15'' südlicher als Pulkowa und A. N. Weder in Argelander, Fehlerverzeichniss B. B. V., noch in Weiss Verbesserungen und Berichtigungen zu verschiedenen Sternverzeichnissen, Wiener Annalen Bd. V findet sich diese Correction. Die Reduction aus den Zonen auf 1842.0 ist richtig.

4322 M<sub>1</sub> 11465 hat 15<sup>h</sup> 25<sup>m</sup> 32<sup>s</sup>.09 —9° 9' 28''.2; 8<sup>m</sup>, M<sub>2</sub> 5753 15<sup>h</sup> 25<sup>m</sup> 31<sup>s</sup>.88 —9° 9' 36''.2; 7<sup>m</sup>.7.

4332 In A. N. 94 S. 295 findet man unter 177 eine genäherte Position dieses Sterns für 1878.0 ohne Angabe des Beobachtungsortes; sie ist deshalb nicht als eine selbständige Position in dem Cataloge aufgenommen. Die in den Bemerkungen angeführte genaue Position war in Kremsmünster bestimmt worden und ist brieflich von Dr. Knorre mitgetheilt.

4334 Nach Graham Cambridge A. G. Z ist  $\alpha$  15<sup>h</sup> 29<sup>m</sup> 25<sup>s</sup>.37  $\delta$  27° 19' 45''.8. Epoche 1884,4 2 Beobachtungen.

- Nr.
- 4338 Nach brieflicher Mittheilung von Dr. Knorre ist  $\delta$  A. N. um  $+9''.3$  corrigirt.
- 4345 Die Declination in den A. N. ist um  $-10'$  zu verbessern, wie sowohl aus Cordoba G. C. 21233, als aus der Königsberger Beob. der Cybele 14 Mai 1868 (A. N. 74 S. 246) hervorgeht.
- 4356 Nach Graham Cambr. A. G. Z.  $15^h39^m3^s.81 + 26^\circ39'39''.0$  1888.5 2 Beob.
- 4364 Nach Graham Cambr. A. G. Z.  $15^h43^m12^s.24 + 26^\circ22'51''.8$  1881.0 4 Beob.
- 4386 Nach brieflicher Mittheilung sind die Declinationen 1877 Juni 3 und Juni 21 auf 1877.0 reducirt  $-23^\circ10'9''.1$  und  $-23^\circ10'10''.1$ .
- 4387 Nach Graham Cambr. A. G. Z.  $15^h51^m8^s.55 + 25^\circ32'22''.0$  Epoche 1877.7 4 Beobachtungen.
- 4393 In Bezug auf die A. N. 105 S. 353 publicirte Position ist nach Rombergs Conjectur, Publ. XVIII A. G. S. 50, angenommen dass der Ort für 1882.0 und nicht für 1880.0 gilt. Unter dieser Annahme ist die Uebereinstimmung mit Pulkowa ziemlich gut. Der Mikr.-Anschluss an B. D.  $+25^\circ30'06''$  A. N. 98 S. 287 giebt  $15^h53^m24^s.9 + 25^\circ27'.0$ .
- 4418 Nach Auwers Berl. A. G. C. 5752,  $42^s.32, 47''.2$  Ep. 1871.4; 2 Beob. E. B.  $+0^s.002 - 0''.14$ .
- 4421 Die Declination ist bei Palisa  $2'30''$  südlicher als bei Arg. Weiss. Uebereinstimmend mit Argelander findet man in Cincinnati Zones 2704  $16^h1^m16^s.02 - 20^\circ25'22''.3$ ;  $8^m.5$  E. B. in A. R. sehr gering, in Decl.  $-0''.092$ . In Gill.-Kapteyn Phot. D. M. findet sich kein Stern dessen Declination mit Palisa stimmt. Palisa schlägt vor seine Beobachtung zu streichen.
- 4434 Die verglichenen Quellen, Weisse, Lalande 29627, Kam und Bonn A. G. C. erfordern alle die Correction  $-1'$ .
- 4448 Die auf 1875.0 reducirte Declination des Sterns A. N. 93 S. 167 ist  $-17^\circ39'36''.7$ ; wenn man jedoch den Ort des Vergleichsterns aus dem Ort des Cometen und dem mitgetheilten Declinationsunterschiede ableitet, findet man  $-17^\circ40'16''.7$ . Da die in Pola beobachtete Position auf zwei gut stimmenden Beobachtungen beruht, ist wahrscheinlich die Declination von Schmidt in A. N. 93 um  $+20''$  oder  $-20''$  zu corrigiren.
- 4463 Nach einer Mittheilung von Dr. Palisa ist die A. R. um  $+0^s.31$  corrigirt; c.f. Publ. XVIII A. G. S. 50.
- 4466 Der Stern ist auch bestimmt in Dunsink N<sup>o</sup>. 600  $16^h17^m21^s.11 - 13^\circ20'38''.4$ ;  $8^m.3$ . Die Declination von M<sub>2</sub> 6080 ist um  $+1'$  corrigirt, wie Weisse 303, A. N. 84 und 69 und auch die Beobachtung in Dunsink es verlangen. E. B.  $-0^s.014 - 0''.28$  nach Porter Cat. of proper motions 931;  $-0^s.0140, -0''.239$  nach Stumpe A. N. 125 S. 411.
- 4473 In Romberg Pulkowa Cat. von 5634 Sterne, kommt unter 3621 derselbe Stern vor nämlich  $16^h22^m7^s.98 + 61^\circ58'52''.7$ ;  $6.3^m \Sigma 2054$  med. In Helsingfors A. G. C. N<sup>o</sup>. 8811 wird nichts über Duplicität mitgetheilt. Ob die Beobachtung in den A. N. 109 sich auf einen der Componenten bezieht, lässt sich nicht entscheiden. Nach den Pos. med. S. 229 Cat. specialis sind die Componenten  $5^m.7$  und  $6^m.9$  vicinissimae, im Meridiankreise simplex.
- 4493 Man findet diesen Stern auch bei Lalande N<sup>o</sup>. 30046:  $16^h25^m4^s.36, 20^\circ28'51''.7$ , bei Tacchini N<sup>o</sup>. 609:  $3^s.81, 54''.8$ , bei Yarnall N<sup>o</sup>. 6941:  $3^s.92, 56''.1$ .

- Nr.
- 4493 Man findet dieser Stern auch bei Lalande 30046:  $16^h 25^m 4^s.28$ — $20^\circ 28' 53''.1$  Ep. 1798.5, bei Tacchini 609:  $3^s.81$ ,  $54''.8$  Ep. 1868.51, bei Yarnall 6941:  $3^s.92$ ,  $56''.1$  Ep. 1870.7.
- 4495 Vielleicht E. B.
- 4509 Am sechszölligen Refractor hat Herr Pannekoek in 1895 keinen Stern heller als  $12^m$  an dem angezeigten Ort finden können.
- 4516 Die Richtigkeit der Position ist verbürgt durch die übereinstimmenden Correctionen der Oppositions-Ephemeride von Concordia, wie diese aus der Leidener Meridian-beobachtung A. N. 66 S. 24 und der Leidener Refractor-beobachtung 1865 Mai 16: A. N. 67 S. 26 hervorgeht. September 1895 hat Herr Pannekoek am 6 zölligen Refractor einen Stern  $11^{ter}$  Grösse an dem angezeigten Orte gesehen.
- 4529 Nach einer Mittheilung von Dr. J. Palisa ist die Declination der A. N. um  $-1'$  corrigirt; cf. Publ. XVIII A. G. S. 50.
- 4535 Die Richtigkeit der Correction ist von Dr. Knorre bestätigt; cf. Publ. XVIII A. G.
- 4537 Die Richtigkeit der Meinung von Dr. Romberg Publ. XVIII S. 50 dass die Epoche 1874.0 statt 1875.0 ist, ist bestätigt durch die Berichtigung von Prof. Weiss A. N. 114 S. 354. Arg. Weiss 12825 hat:  $16^h 40^m 12^s.64$ — $20^\circ 44' 47''.6$ ;  $8^m.0$ , Tacchini-Holden 634:  $12^s.68$ ,  $50''.2$ ;  $8^m.0$ .
- 4556 Die Grösse dieses Sterns ist nach Argelander in den südlichen Zonen zweimal 6—7, einmal  $8^m$ ; die südliche D. M. giebt  $5^m.5$ , Cordoba D. M.  $5^m.9$ . Vielleicht variabel. Cordoba D. M.  $22^\circ 11' 34''$  hat  $16^h 49^m 16^s.1$ — $22^\circ 56'.8$ .
- 4557 Diese Beobachtung bezieht sich wohl auf Comes austr. praec. Cordoba G. C. 22943, obgleich Duplicität nicht in A. N. erwähnt ist. Arg. Weiss 12945 hat:  $16^h 49^m 43^s.31$ — $19^\circ 20' 18''.6$ ;  $8^m$ . Arg. Weiss 12946:  $43^s.38$ ,  $19''.9$ ;  $7^m.0$ , Cincinnati zones 2787:  $43^s.28$ ,  $23''.8$ ;  $7^m.0$ . Sowohl Cordoba G. C. als Arg. Weiss und Cincinnati zones, erfordern die Correction der Declination um  $+1'$ .
- 4562 Dieser Stern findet sich auch Washington Obs. 1876 S. 529 N<sup>o</sup>. 483; der Ort, auf 3 Beobachtungen beruhend, ist  $16^h 50^m 44^s.23$ — $24^\circ 9' 22''.8$ ;  $10^m.2$ . Cordoba D. M. 12977 hat  $16^h 50^m 42^s.4$ ,— $24^\circ 9'.5$ ;  $9^m.7$ .
- 4581 Weisse<sub>1</sub> XVI 1092 B. Z. 246 giebt  $16^h 59^m 20^s.57$ ,— $12^\circ 19' 7''.1$ .
- 4597 Lalande 31247 hat  $17^h 4^m 51^s.51$ ;  $22^\circ 46' 14''.0$ , Tacchini 693:  $50^s.64$ ,  $12''.3$ . Die Verbesserung der A. N. um  $1^m$  wird durch die übereinstimmenden Werthe von Lalande, Arg. Weiss und Tacchini angezeigt.
- 4601 Nach Weisse XVII 59 B. Z. 246 ist der Ort für 1875.0  $17^h 5^m 55^s.01$ ,— $12^\circ 37' 5''.3$ ;  $9^m$ .
- 4616 Nach Weisse XVII 129 B. Z. 254 ist der Ort für 1875.0  $17^h 9^m 30^s.48$ ,— $7^\circ 7' 30''.8$ ; vielleicht E. B.
- 4620 Die Correction von Romberg. Publ. XVIII A. G. ist nicht  $-1^m$  sondern  $+1^m$ , wie hervorgeht aus M<sub>1</sub> 13747, Lal. 31393:  $17^h 10^m 32^s.45$ — $10^\circ 42' 34''.9$ ;  $8^m.9$  und B. D. — $10^\circ 44' 67''$ .
- 4629 Dieser Stern wurde auch, A. N. 88 289. Note, am Washingtoner Mer. Kreis bestimmt  $17^h 14^m 30^s.86$ — $23^\circ 26' 52''.9$ . Das Mittel von 6 Positionen in den Wash. Zonen giebt nach derselben Autorität  $30^s.60$ ,  $49''.9$ .
- 4637 Durch einen Druckfehler findet sich in den A. N.  $11^h$  statt  $17^h$ .
- 4655 Der Stern findet sich in keinem andern Cataloge; seine Position ist jedoch gesichert durch die Berliner Beobachtung des Planeten Electra 1875 Mai 28 (A. N. 88 35), welche für die Ephemeride-Correction einen mit dem an anderen Tagen bestimmten übereinstimmenden Werth giebt. Pannekoek fand Mai 1895 an der angezeigten Stelle einen schwachen Stern ungefähr  $9^m.8$ .

- Nr.
- 4657 Leipzig A. G. Z. giebt  $17^h 27^m 8^s.14 + 10^\circ 0' 25''.3$ ;  $8^m.8$  Epoche 1877.25, 4 Beobachtungen. Nach den übrigen Beobachtungen ist die A. R. der A. N. um  $-1^s$  corrigirt.
- 4678 Romberg hat in seinem Cataloge (Publ. XVIII A. G.) die Bemerkung dass Arg. Oeltzen 17177 genau  $10'$  nördlicher steht. Diese Bemerkung ist richtig; dass jedoch die Position von Becker richtig ist folgt aus der Position von Velleda (A. N. 88 35) welche auf die Position dieses Sterns beruht und aus der Cordoba. D. M. —  $27^\circ 11915$ .
- 4683 Die R. A. der A. N. erfordert die Correction von  $-1^s$  wie hervor geht aus den im Catalog angeführten Quellen und aus Glasgow. Cat. II 1551,  $7-8^m$ ,  $17^h 39^m 26^s.49$ ,  $+ 5^\circ 46' 6''.2$ .
- 4689 Der Correctur A. N. 74 S. 197 zufolge, ist der Ort im Cataloge nach A. N. 74 S. 191 angesetzt. Washington Trans. Z. N<sup>o</sup>. 30 giebt den Ort  $17^h 40^m 1^s.85$ ,  $- 25^\circ 8' 17''.4$ ;  $9^m$ .
- 4700 Yarnall 2<sup>d</sup> Edit. 7433, identisch mit Yarnall 3<sup>d</sup> Edit. 7573 giebt den Ort  $17^h 43^m 28^s.91$ ,  $- 35^\circ 19' 40''.8$ ;  $8^m.5$ .
- 4704 Durch einen Druckfehler (Sehe die Beob. von Hebe 1881 Mai 27 und 28. A. N. 102 S. 293) ist die Declination in A. N. —  $4^\circ$  statt  $- 2^\circ$ .
- 4720 Nach einer Mittheilung van Prof. J. C. Kapteyn ist es fast unmöglich dass der Unterschied zwischen den A. R. von Engelmann in A. N. und von der Cape P. D. durch einen Fehler in diesem Cataloge zu erklären sei. Vermuthlich ist also die A. R. der A. N. um  $5^s$  fehlerhaft.
- 4740 Anwers. Berl. A. G. C. 6591  $41^s.28$ ,  $23''.2$  Ep. 70.2; 3 Beobachtungen.
- 4761 Mikrometer-Anschluss an dem Stern A. Z. 124 N<sup>o</sup>. 138, dessen Position Argelander in B. D. M. Band V, S. XIV berichtet hat.
- 4762 Wie 4761, mikrometrisch mit A. Z. 124 N<sup>o</sup>. 138 verbunden. Die Declination ist unsicher, da Schmidt für den Declinations-Unterschied von 4761 und 4762 den Werth  $1' 23''.2$  angiebt, dagegen für die Declinationen selbst  $71^\circ 3' 10''.3$  und  $71^\circ 1' 38''.0$  (1881.0) mit einem Unterschiede von  $1' 32''.3$ .
- 4771 Die Correction wird bestätigt durch Washington Trans. Zone 51 N<sup>o</sup>. 35  $18^h 13^m 2^s.51$ ,  $- 28^\circ 10' 19''.5$ ;  $8^m$ .
- 4773 A. N. zeigt eine starke Abweichung von Carrington und B. D. Dr. Palisa theilte mit dass die Angabe in A. N. durch irrthümliche Reduction entstellt war. Die von Dr. Palisa verbesserte Position ist in dem Cataloge aufgenommen.
- 4782 Die A. R. in den A. N. ist um  $2^s$  corrigirt, wie Weisse und Berlin A. G. Z. es verlangen.
- 4796 Duplex  $\Sigma$  2318. Nach Mens. Micr.  $8^m.0$ ,  $10^m.2$  Entf.  $12''.85$  Pos. Winkel  $257^\circ$ . In A. N. ist er als simplex beobachtet, also nur der hellere Stern. Seine Position in Struve's Pos. mediae ist  $18^h 20^m 25^s.19$ ,  $25^\circ 55' 55''.5$ ;  $7^m.8$ .
- 4804 Duplex  $\Sigma$  2321 seq. Nach. Mens. Micr.  $7^m.9$ ,  $9^m.5$  Entf.  $6''.68$  Pos. Winkel  $191^\circ$ . Nach Engelmann A. N. 84  $8^m.5$ ,  $9^m$  Entf.  $7''$  Pos. Winkel  $185^\circ$ . Nach Posit. mediae ist seine Position  $18^h 23^m 36^s.99$ ,  $1^\circ 6' 4''.5$ . Die von Romberg angezeigte Correction von  $+ 10^s$  ist hinreichend gesichert.



- Nr.
- 4807 Vielleicht E. B. Man hat auf 1875.0 reducirt, folgende Positionen:
- |                  |   |             |             |
|------------------|---|-------------|-------------|
| Lalande 34219    | 18 <sup>h</sup> 23 <sup>m</sup> 56 <sup>s</sup> .71 | 9° 7' 44".6 | Ep. 1794.46 |
| Weisse 543 Z 176 | 57.19   | 37.1        | " 1823.56   |
| Santini VI 240   | 56.65   | 33.2        | " 1840.50   |
| Dorpat           | 56.34   | 25.1        | " 1881.5    |
| Leipzig A. G. Z  | 56.23   | 24.6        | " 1884.56.  |
- 4810 Weisse und Bessel um + 30' corrigirt nach den Posit. emend. und nach E. Luther.
- 4811 Duplex  $\Sigma$  2324. Nach Men. micr. 8<sup>m</sup>.2, 8<sup>m</sup>.5 Entf. 2".43, Pos. Winkel 146°. Engelmann bemerkt in A. N. simpl.? (1" 0°?); in Albary A. G. C. findet man die Bemerkung: Duplex (med.); magn. 8.8, 8.4; 3" 120°. Pos. Mediae Mitte 38<sup>s</sup>.31, 28".5.
- 4821 Mikrometer-Anschluss von Herrn Wilterdink an Arg.-Oeltzen 18352 = Helsingfors A. G. C. 9838 1892 Oct. 19.
- 4834 Duplex  $\Sigma$  2365. Nach Engelmann A. N. 8<sup>m</sup>.3 9<sup>m</sup>.7 Entfernung 20", Positionswinkel 50°. Helsingfors A. G. C. erwähnt keine Duplicität, Pulk. Cat. 1875.0 4075 hat praec. austr. maj. 8<sup>m</sup>.2 18<sup>h</sup> 34<sup>m</sup> 19<sup>s</sup>.18 63° 36' 0".3. Pos. mediae 2135 hat Simplex 8<sup>m</sup>.0 19<sup>s</sup>.46, 36' 10".2. E. B. nach Argelander — 0<sup>s</sup>.0074, — 0".302.
- 4836 Duplex  $\Sigma$  2371. Nach Mensurae micr. 8<sup>m</sup>.5, 8<sup>m</sup>.5. Entfernung 9".55 Pos. Winkel 55°.5, 1830; nach Engelmann A. N. 84 8<sup>m</sup>.5 8<sup>m</sup>.7 Entf. 16". Pos. Winkel 255°. Die A. R. von Engelmann bezieht sich auf die Mitte; die Position in den Pos. mediae auf austr. pracc.; 9<sup>m</sup>.0.
- 4837 Nach M<sub>1</sub> 17228 18<sup>h</sup> 37<sup>m</sup> 28<sup>s</sup>.94 — 2° 11' 21".5; 9<sup>m</sup>, nach M<sub>2</sub> 7762, 27<sup>s</sup>.47, 31".6; 8<sup>m</sup>.5 3 Beob. In M<sub>1</sub> findet man die Bemerkung: stimmt schlecht mit M<sub>2</sub>.
- 4839 Duplex  $\Sigma$  2374. Nach Mens. micr. 8<sup>m</sup>.8, 9<sup>m</sup>.2 Entf. 15".47, Pos. Winkel 36°. Nach Engelmann A. N. 84 9<sup>m</sup>.2. Entf. 15", Pos. Winkel 35°. Die Position in den Pos. mediae bezieht sich auf austr. pracc. 8<sup>m</sup>.8.
- 4841 A. N. 94 S. 205 und A. N. 93 S. 201 haben dieselbe A. R., aber die Decl. von A. N. 94 ist 19".2 südlicher. Die in A. N. 94 S. 203 mitgetheilte Wiener Beobachtung von Tolosa 1878 Juni 25 ist richtig reducirt mit der 1878.59 beobachteten Position des Vergleichsterns, so wie dieselbe A. N. 94 für 1878.0 ist mitgetheilt. Die daraus A. N. 93 abgeleitete Position für 1875.0 ist jedoch fehlerhaft, 1° da die A. N. 93 mitgetheilte Präcession, 3 × 2".86, mit dem falschen Zeichen angebracht ist, 2° da die jährliche Präcession selbst nicht + 2".86 sondern + 3".52 ist. Wenn man nun mit dem richtigen Werth und dem richtigen Zeichen der Präcession die Position von A. N. 94 auf 1875.0 reducirt, bekommt man die in diesem Cataloge angezeigte A. R. und Decl., übereinstimmend mit Gill.-Kapteyn Phot. D. M.
- 4842 Duplex  $\Sigma$  2386. Nach Engelmann A. N. 84 9<sup>m</sup>.1 Entf. 20", Posit. Winkel 30°. Struve Pos. mediae 2154 hat austr. 8<sup>m</sup>.7, 18<sup>h</sup> 40<sup>m</sup> 47<sup>s</sup>.15 + 35° 34' 35".9.
- 4850 Duplex  $\Sigma$  2404. Nach Mens. micr. 6<sup>m</sup>.0, 7<sup>m</sup>.5 Entf. 3".54, Pos. Winkel 183°; nach Engelmann A. N. 84 7<sup>m</sup>.7, 8<sup>m</sup>.2 Entf. 2", Pos. Winkel 185°. In Pos. mediae 2170 hat man: bor. 7<sup>m</sup>.0, 52<sup>s</sup>.82, 54".8.
- 4851 Die Correction von — 1' wird bestätigt durch Cordoba. Z. C. 2524: 8<sup>m</sup>, 18<sup>h</sup> 45<sup>m</sup> 17<sup>s</sup>.27, — 27° 54' 18".8 und Tacchini-Holden 881 8<sup>m</sup>. 18<sup>h</sup> 45<sup>m</sup> 17<sup>s</sup>.18, — 27° 54' 21".4.

- Nr.
- 4852 Nach Graham Cambr. A. G. C.  $18^h 45^m 41^s.88 + 28^\circ 22' 48''.2$  Ep. 1875.2 5 Beob.
- 4853 Duplex  $\Sigma$  2408. Nach Mens. micr.  $7^m.5, 8^m.7$  Entf.  $2''.30$ , Pos. Winkel  $97^\circ$ . Nach Engelmann A. N. 94  $8^m.0, 8^m.8$  Entf.  $1''.5$ , Pos. Winkel  $90^\circ$ . In Pulk. Cat. 1875.0 gilt der Ort für praec. bor. major. Pos. mediae 2177 hat simplex  $7^m.5, 4^s.75, 57''.1$ .
- 4856 Nach brieflicher Mittheilung von Dr. Holetschek ist die Decl. um  $+ 3'$  corrigirt.
- 4861 Melbourne Cat. II 944 hat  $18^h 49^m 39^s.82, -27^\circ 36' 55''.3; 8^m.0$ .
- 4876 Duplex  $\Sigma$  2435. Nach Mens. micr.  $8^m.5, 11^m.5$  Entf.  $10''.26$ , Pos. Winkel  $12^\circ$ . Engelmann A. N. 84 hat zwei Beob. Im Catalog ist das Mittel beider Beobachtungen aufgenommen. Pos. mediae 2203 hat: simplex  $9^m.0, 44^s.68, 11''.4$ . In Pulk. Cat. 1875.0 ist N°. 4140 fehlerhaft als  $\Sigma$  2435 bezeichnet; 4140 ist B. D.  $8^\circ, 3948$ , dagegen ist 4137 identisch mit  $\Sigma$  2435; die Position ist  $18^h 55^m 44^s.63, 8^\circ 34' 11''.8$ .
- 4878 Duplex  $\Sigma$  2436. Nach Mens. micr.  $7^m.4, 8^m.1$  Entf.  $34''.58$ , Pos. Winkel  $309^\circ$ . Nach Engelmann A. N. 84 bei zwei Beob.  $8^m.7, 8^m.8$  und  $8^m.5, 8^m.8$  Entf.  $35''$ , Pos. Winkel  $310^\circ$ . Im Catalog findet man das Mittel beider Bestimmungen. In Pulkowa Cat. 1875.0 ist 4143,  $\Sigma$  2436 seq.  $9^s.99, 31''.7$ ; 4142 ist  $\Sigma$  2436 pr.  $8^h 56^m 8^s.41, 8^\circ 34' 53''.0$ .
- 4883 Die Correction von Romberg Publ. XVIII wird auch durch Arg. Oeltzen 18856 bestätigt.
- 4894 Duplex  $\Sigma$  2465. Nach Mens. micr.  $8^m.3, 10^m.2$  Entf.  $1''.21$ , Pos Winkel  $250^\circ$ . Von Engelmann zweimal als simplex beobachtet. Pos. mediae hat 2236 simplex  $8^m.5, 19^h 2^m 56^s.69, 30^\circ 28' 38''.8$ .
- 4895 Die A. R. in A. N. 102 nach der erste der drei Positionen in A. N. 110 195 ist um  $- 1^s$  corrigirt.
- 4899 Duplex  $\Sigma$  2470. Nach Mens. micr.  $6^m.7, 8^m.2$  Entf.  $12''.90$ , Pos. Winkel  $272^\circ$ . Nach Engelmann Entf.  $15''$ , Pos. Winkel  $290$ , Grössen fehlen. Pos. mediae 2243 hat seq.  $8^m.1, 19^h 4^m 11^s.72 + 34^\circ 33' 41''.4$ .
- 4900 Duplex  $\Sigma$  2472. Nach Mens. micr.  $7^m.5, 9^m.2$ , Entf.  $17''.14$ , Pos. Winkel  $337^\circ$ . Nach Engelmann  $8^m.5, 9^m.5$  Entf.  $17''$ , Pos. Winkel  $330^\circ$ . Pos. mediae hat 2244 simplex  $8.3, 19^h 4^m 13^s.71, 37^\circ 42' 46''.0$ .
- 4904 Dieser Stern ist statt eines Vergleichsterns 11<sup>er</sup> Grösse für Komet 1847 IV in Pulkowa beobachtet. Obgleich von Dr. Romberg Publ. XVIII A. G. S. 52 Zusatz als neu bezeichnet, kommt der Stern vor in Obs. du Poulkowa Vol. VIII in dem Catalogue des étoiles observées occasionellement.
- 4905 Leipzig A. G. Z.  $8^m.6, 19^h 6^m 41^s.95 + 12^\circ 30' 37''.6$  Ep. 1883.96 3 Beob.
- 4908 Duplex  $\Sigma$  2482. Nach Mens. micr.  $8^m.5, 9^m.8$  Entf.  $2''.02$ , Pos. Winkel  $351^\circ$ . Nach Engelmann  $8^m.5$  simpl. In den Pos. mediae ist sie auch als simplex bezeichnet.
- 4917 Die Correction gründet sich nicht nur auf Arg. Weiss 15218, sondern auch auf die entsprechende Planeten-Beobachtung von Massilia in Durham am 21 und 22 Juli 1870. A. N. 77 365.

- Nr.
- 4919 Man findet weiter Weisse, XIX 278  $19^h 13^m 7^s.63 - 0^\circ 44' 1''6$ . Pulk Obs. Vol. VIII pag. 346 No. 1111  $6^s.65$ ,  $10''.4$  Brüssel Catalog 8058  $6''.42$ ,  $12''.5$ . Die Positionen der verschiedenen Catalogen mit Ausnahme von Weisse stimmen recht gut. Die Position ist von Weisse richtig aus Bessels Zonen abgeleitet, aber Luther, Astron. Beob. in Königsberg 37<sup>e</sup> Abtheilung, 1 Theil S. 1, corrigirt Bessels Zone in Declination um  $+10''$  ohne dafür eine Grund anzugeben. Wenn man diese Correction nicht anbringt, stimmt Weisse's Decl. —  $3^\circ 44' 11''.6$  gut mit den übrigen Werthen. Vermuthlich ist deshalb die Decl. von Bessel ungeändert zu behalten, seine R. A. jedoch um  $-1^s$  zu corrigiren.
- 4924 Duplex  $\Sigma$  2502. Nach Mens. micr.  $8^m.2$   $10^m.2$ , Entf.  $1''.83$ , Pos. Winkel  $206^\circ$ . Nach Engelmann A. N. 84  $7.8$  simpl. Pos. Mediae 2276 giebt simpl.  $7.5$ ,  $19^h 14^m 42^s.62$ ,  $39^\circ 2' 18''.5$ .
- 4925 Bei B. D.  $+14^\circ 38' 81$  ist der Buchstabe K durch L zu ersetzen. In  $M_2$  ist die Decl. nur geschätzt Leipzig A. G. Z. hat  $8^m.2$   $19^h 14^m 57^s.00 + 14^\circ 11' 13''.7$  Ep. 1871.13 2 Beob. röthlich.
- 4926 Epoche der Beob. in Pulk. Obs. Vol. VIII 1848.79.
- 4930  $M_1$  19861 giebt den Ort  $19^h 16^m 4^s.92 + 14^\circ 18' 30''.1$ , aber die Grösse 8.9. Lalande hat die Grösse 8, so wie auch der Cat. der Akad. Sternkarten.
- 4946 Duplex  $\Sigma$  2532. Nach Mens. micr.  $6^m.0$   $10^m.2$ , Entf.  $34''.90$ , Pos. Winkel  $5^\circ$  Nach Engelmann A. N. 84  $6^m.7$   $9^m.3$  Entf.  $33''$ , Pos. Winkel  $10^\circ$ . Pos. mediae 2308 hat: maj.  $6^m.0$ ,  $19^h 23^m 53^s.93$ ,  $2^\circ 38' 46''.7$ .
- 4960 Duplex  $\Sigma$  2541. Nach Mens. micr.  $8^m.2$   $9^m.8$ , Entf.  $2''.84$ , Pos. Winkel  $340^\circ$ . Nach Engelmann 8.5 simplex. Pos. mediae 2316 hat seq.  $9.0$   $19^h 29^m 56^s.37 - 10^\circ 42' 21''.1$ . Pulkowa Cat. 1875.0 giebt den Ort für seq. austr. major. E. B. nach Pulkowa Cat. und Bischof —  $0^s.0179 - 0''.261$ ; nach Stumpe A. N. 125 414 —  $0^s.0195 - 0''.265$ , nach Porter No. 1086 —  $0^s.020 - 0''.30$ .
- 4966 Rümker 7692  $6^m$ ,  $19^h 31^m 51^s.48 + 18^\circ 41' 50''.5$ . Durch briefliche Mittheilung von Dr. Holetschek wird die Correction von  $+1'$  bestätigt.
- 4967 Duplex  $\Sigma$  2545. Nach Mens. micr.  $6^m.2$   $8^m.1$ , Entf.  $3''.53$ , Pos. Winkel  $315^\circ$ . Nach Engelmann A. N. 84  $7^m$ ,  $9^m$ , Entf.  $2''$ , Pos. Winkel  $310^\circ$ . Pos. mediae 2322 hat major  $6^m.2$   $19^h 31^m 51^s.66 - 10^\circ 26' 9''.6$ .
- 4968 Duplex  $\Sigma$  2547. Nach Mens. micr.  $7^m.7$   $9^m.0$ , Entf.  $20''.70$ , Pos. Winkel  $332^\circ$ . Nach Engelmann A. N. 84  $8^m.7$   $9^m.2$  Pos. Winkel  $350^\circ$ . Pos. mediae 2324 hat austr. seq.  $8^m.0$   $19^h 32^m 4^s.16 - 10^\circ 37' 12''.2$ .
- 4982 Die Beobachtung am Wiener Mittagsfernrohr angestellt ist nach brieflicher Mittheilung von Dr. Holetschek sehr unsicher wegen Schwäche des Objects.
- 4990 Der Stern findet sich auch in Wash. Transit Zones 52 No. 29:  $19^h 40^m 8^s.79 - 28^\circ 2' 12''.5$  und Mural Zones 128 No. 59:  $19^h 40^m 8^s.80 - 28^\circ 2' 12''.8$ , wenn letztere A. R. um  $2^m$  vergrößert ist.
- 4997 Duplex  $\Sigma$  2576. Nach Mens. micr.  $7^m.8$ ,  $7^m.8$ , Entf.  $3''.60$ , Pos. Winkel  $319^\circ$ . Nach Engelmann A. N. 84  $8^m.6$   $8^m.6$ , Entf.  $2''.5$ , Pos Winkel  $120^\circ$ . In Leiden ist die Mitte beobachtet. In Leipzig praece, Pulk. Cat. 1875.0 4338 und 4339 giebt beide Componenten  $8^m.5$ ,  $19^h 40^m 48^s.49 + 33^\circ 18' 52''.5$ ,  $8^m.6$ ,  $19^h 40^m 48^s.74 + 33^\circ 18' 49''.6$ . Positiones mediae giebt 2355 Med.  $8^m.3$  et  $8^m.5$   $19^h 40^m 48^s.51$   $33^\circ 19' 13''.6$ . E. B. nach Argelander  $+0^s.0043 - 0''470$ , nach Stumpe A. N. 125  $+0^s.0028 - 0''.473$ , nach Porter 1091  $+0^s.002 - 0''.47$ .

Nr.

- 4998 Nach Auwers Berl. A. G. C. 7675 8<sup>s</sup>.77, 51".9 Ep. 1869.6, 2 Beob.
- 5000 Duplex  $\Sigma$  2580. Nach Mens. micr. 5<sup>m</sup>.0, 7<sup>m</sup>.0, Entf. 25".80, Pos. Winkel 73°. Nach Engelmann 5<sup>m</sup> 8<sup>m</sup>.7 Entf. 21" Pos. Winkel 60°. Pulk. Cat. 1875.0 hat für praec. 5<sup>m</sup>.4 19<sup>h</sup> 41<sup>m</sup> 40<sup>s</sup>.93 + 33° 26' 16".5. Pos. mediae hat 2359 17 Cygni praec. 4<sup>m</sup>.5 19<sup>h</sup> 41<sup>m</sup> 40<sup>s</sup>.88, 33° 26' 36".7. E. B. nach Pulkowa — 0<sup>s</sup>.0010 — 0".434, nach Stumpe — 0<sup>s</sup>.0010 — 0".432, nach Porter 0<sup>s</sup>.000 — 0".47.
- 5055 Die Correction A. N. 86 S. 320 für den Stern N°. 83 ist statt — 1<sup>s</sup> + 1<sup>s</sup> zu lesen. Die Bestimmungen A. N. 85 S. 201 N°. 83 und A. N. 86 S. 314 N°. 43 beziehen sich auf demselben Object.
- 5060 Die A. R. ist um — 1<sup>m</sup>, die Decl. um — 1' corrigirt. Diese Correctionen gründen sich 1° auf die Uebereinstimmung mit B. D. — 19° 5709, dessen Ort für 1875.0 19<sup>h</sup> 59<sup>m</sup> 43<sup>s</sup>.8 — 19° 8'.9 ist, 2° auf die Uebereinstimmung mit Gll.-Kapteyn Phot. Durchm., 3° auf eine Vergleichung am Himmel von Dr. Kam 1893 Aug. 12 in Leiden. Durch Mikr.-Anschluss an B. D. — 19°, 5721 wurde gefunden 19<sup>h</sup> 59<sup>m</sup> 42<sup>s</sup>.0 — 19° 8'.7.
- 5065 Durch Mikrom-Anschluss an B. D. 14°, 4175 9<sup>m</sup>.3 von Dr. Kam 1892 Aug. 11. Das Object war äusserst schwach, Decl. geschätzt.
- 5073 Nach Auwers Berl. A. G. C. 7966 48<sup>s</sup>.48, 25".8 Ep. 1870.7 2 Beob. E. B. + 0<sup>s</sup>.0008 + 0".018. Weisse—Bessel um + 10".3 zu corrigiren. Siehe auch Lalande, Piazzzi, Taylor.
- 5078 Duplex  $\Sigma$  2640. Nach Mens. micr. 6<sup>m</sup>.0 9<sup>m</sup>.9, Entf. 4".93, Pos. Winkel 27°. Nach Engelmann A. N. 84 7<sup>m</sup>.0 simplex. A. R. um + 3<sup>s</sup> corrigirt wie Struve Pos. med. und Helsingfors A. G. C. 11093 6<sup>m</sup>.1 10<sup>s</sup>.15, 51".4 es verlangen. Helsingfors Z. 612 bemerkt: duplex 4" Comes 9<sup>m</sup>.3.
- 5081 Duplex  $\Sigma$  2642. Nach Mens. micr. 8<sup>m</sup>.7 8<sup>m</sup>.7, Entf. 2".45, Pos. Winkel 165°. Nach Engelmann A. N. 84 8<sup>m</sup>.7 8<sup>m</sup>.8 Entf. 2", Pos. Winkel 170°. Nach den verschiedenen Quellen ist die A. R. der A. N. um + 1<sup>m</sup> corrigirt. In Pulkowa ist die Mitte, beobachtet; Helsingfors A. G. C. hat 54<sup>s</sup>.40, 23".4 med. und bemerkt: Dupl. 2" med. 8<sup>m</sup>.8 und 8<sup>m</sup>.8. Pos. mediae 2426 hat med. 8<sup>m</sup>.7 et 8<sup>m</sup>.7 20<sup>h</sup> 3<sup>m</sup> 52<sup>s</sup>.95 + 63° 20' 16".3. E. B. nach Bonn VII + 0<sup>s</sup>.0301 + 0".159, nach Pulk. Cat. identisch mit Bonn, nach Porter Prop. Mot. 1118 + 0<sup>s</sup>.032 + 0".15.
- 5086 Duplex  $\Sigma$  2636. Nach Mens. micr. 8<sup>m</sup>.2 9<sup>m</sup>.2, Entf. 12".51, Pos. Winkel 202°. Die Positionen in dem Catalog und in den Pos. med. beziehen sich auf praec. Der A. N. 76 S. 53 angeführte Ort bezieht sich auf die Mitte des Sternpaares abgeleitet aus den am Meridiankreis bestimmten Ort des praec. und die Entfernung der Componenten durch Mädler bestimmt.
- 5095 Obwohl die Berliner Position auf nur eine Beobachtung beruht scheint sie doch durch die Uebereinstimmung mit B. D. genügend gesichert.
- 5109 Durch Mikrometer-Anschluss an B. D. + 0° 4451 in 1892 October. Das Object wurde schwächer als 10<sup>er</sup> Grösse geschätzt.
- 5115 Die Declination der A. N. um — 10" corrigirt, wie es durch die verglichenen Quellen wird angezeigt.
- 5119 Der Stern ist o<sup>s</sup> Cygni, die A. R. in den A. N. ist auf Grund der verglichenen Quellen um 1<sup>s</sup> vergrössert. Epoche der Decl. Beob. 1872.81.
- 5133 Die Grösse dieses Sterns, welche in den Washington M. C. Zones nicht angegeben worden ist, ist 9<sup>m</sup>.0 nach Cordoba D. M. — 24° 15987 20<sup>h</sup> 13<sup>m</sup> 50<sup>s</sup>.8, — 24° 5' 0.

- Nr.
- 5141 Leipzig A. G. Z.  $20^h 14^m 21^s.40 + 12^\circ 17' 30''.8$ ;  $8^m.8$ , Epoche 1890.52, 2 Beobachtungen.
- 5160  $\Sigma$  2673. In A. N. bemerkt Engelmann: beob. sequens amstralis  $\Delta$   $2''$ , Positionswinkel  $330^\circ$ . Struve Pos. med. bemerkt simplex.
- 5179 Die Declination in A. N. um  $+10''$  corrigirt, wie die verglichenen Quellen erfordern.
- 5197 Der Ort A. N. 68 380 ist fehlerhaft. Er ist berichtigt in A. N. 69 7 und 73 64.
- 5217 Durch Anschluss an B. D.  $-2^\circ$ , 5286 = Schjellerup 8069 von Kam 1892 Aug. 13 in Leiden mikrometrisch bestimmt.
- 5219 Romberg's Correction  $-1'$  in Publ. XVIII der A. G. wird durch die verglichenen Quellen bestätigt.
- 5221 Leipzig A. G. Z.  $20^h 24^m 46^s.73 + 14^\circ 10' 1''.3$ ;  $8^m.2$ , Ep. 71.14, 2 Beobachtungen.
- 5251 Die von Romberg (Publ. A. G. XVIII) angezeigte Correction ist brieflich von Knorre bestätigt.
- 5253 Der Stern ist identisch mit Kam 4079. Durch einen Reductionsfehler ist die Decl. A. N. 61 S. 276 statt  $13^\circ 0' 15''.4$   $12^\circ 59' 47''.7$  zu lesen. Die Position ist dann 1855.0:  $20^h 27^m 59^s.45$ ,  $12^\circ 58' 10''.6$  und 1875.0:  $20^h 28^m 55^s.97$ ,  $13^\circ 2' 13''.3$ .
- 5267 Grösse nach Berliner Beobachtung 7.8, nach B. D. 5.3 nach Cordoba G. C. 5.6.
- 5272 Leipzig A. G. Z.  $20^h 33^m 2^s.02 + 7^\circ 22' 14''.0$ ;  $8^m.3$ , Epoche 1886.75, 2 Beobachtungen.
- 5306 Die Correction von  $-1^m$  ist an die A. R. angebracht worden nach Rombergs's Bemerkung (Publ. A. G. XVIII) dass in diesem Falle die Position stimmt mit B. D.  $-11^\circ 54' 16''$ . Nach brieflicher Mittheilung von Prof. Knorre lässt sich aus den Beobachtungsjournalen nichts über diese Correctur entscheiden. In Leiden fand Pannekoek kein Stern an der in den A. N. angezeigten Stelle, jedoch ein Object in derselben Declination, 1 Minute vorangehend. Die Correction wird dadurch bestätigt.
- 5307 Die Correction von Romberg (Publ. A. G. XVIII) angezeigt ist durch briefliche Mittheilung von Prof. Knorre bestätigt.
- 5311 In A. N. wird bemerkt  $\Sigma$  2725 Comes  $8^m.5$   $\Delta$   $4''.5$  Positionswinkel  $0^\circ$ . Die Position der borealis in Pulkowa Cat. 1875.0 N°. 4662 ist  $20^h 40^m 23^s.88 + 15^\circ 27' 6''.1$ ;  $8^m.5$ . Hieraus geht hervor dass in Leipzig der australis beobachtet ist.
- 5321 Die van Romberg (Publ. A. G. XVIII) angezeigte Correctur wird durch B. D.  $+48^\circ$ , 3210 und Bonn A. G. C. 14676 bestätigt.
- 5322 Durch Mikrometer-Anschluss an B. D.  $-17^\circ$ , 6099 in Leiden von Kam bestimmt 1892 Aug. 13. Wegen Schwäche des Objects ist die Decl. nur geschätzt.
- 5325 Durch Mikrometer-Anschluss an B. D.  $-8^\circ$ , 5495 = Weisse 1116 von Kam in Leiden 1892 Aug. 13 bestimmt.
- 5347 Cordoba D. M.  $-25^\circ$ , 15127 giebt  $20^h 48^m 47^s.3 - 25^\circ 40'.4$ ;  $8^m.7$ . Dieser Stern kommt weder in Cordoba. G. C. noch in Cordoba Z. C. vor.

- Nr.
- 5358 Durch Mikrometer-Anschluss an B. D.  $+ 1^{\circ}$ , 4399 = Albany A. G. C. 7341 von Pannekoek in Leiden 1896 Jan. 9 genähert bestimmt.
- 5369 In A. N. wird bei der ersten Beob. bemerkt  $\Sigma$  2740 Comes  $9^m.7 \Delta 2''.5$ , Positionswinkel  $350^{\circ}$ ; bei der zweiten Beob.: Comes  $10^m.0 \Delta 3''$ , Positionswinkel  $320^{\circ}$ ? Helsingfors erwähnt keine Duplicität.
- 5375 Nach Porter Prop. Mot. 1163 ist E. B.  $- 0^s.010 - 0''.16$ .
- 5377 In A. N. wird bemerkt  $\Sigma$  2746 Comes  $8^m.5 \Delta 1''.3$ , Pos. Winkel  $300^{\circ}$ . In Pulkowa Catalog 4755 ist medium beobachtet.
- 5391 In A. N. werden als Mittel von Leipzig und Berlin dieselbe Werthe als die Berliner Position (5392) angegeben. Pannekoek in Leiden schätzte der Stern 10-11.
- 5402 A. N. um  $- 0^s.19$  und  $- 2''.6$  corrigirt nach brieflicher Mittheilung von Dr. Knorre.
- 5407 An der in A. N. angezeigte Stelle konnte Pannekoek in Leiden 1899 Juli keinen Stern finden.
- 5408 Nach brieflicher Mittheilung von Dr. Knorre ist der Ort in A. N. um  $- 0^s.19$  und  $- 2''.7$  corrigirt.
- 5410 A. N.  $- 0^s.20$  und  $- 3''.4$  corrigirt nach brieflicher Mittheilung von Dr. Knorre.
- 5419 Nach Graham Cambridge (Engl.) A. G. Z.  $21^h 4^m 30^s.04 + 25^{\circ} 47' 12''.3$  Epoche 1876.0, 4 Beobachtungen.
- 5423 A. N. um  $- 0^s.19$  und  $- 2''.6$  corrigirt nach brieflicher Mittheilung von Dr. Knorre.
- 5425  $\Sigma$  2772. Nach den Bemerkungen in A. N. ist in den beiden Beobachtungen in Leipzig die Grösse des Begleiters  $9^m.0$  und  $9.6$ , die Entfernung  $7''$  und  $6''$ , der Positionswinkel  $240^{\circ}$  und  $245^{\circ}$  geschätzt. In den Pos. mediae wird die Position von borealis seq. gegeben.
- 5426  $\Sigma$  2773. Nach den Bemerkungen in A. N. ist die Grösse des Begleiters  $8^m.7$ , die Entfernung  $2''$ , der Positionswinkel  $120^{\circ}$ . Nach Romberg's Note (Publ. A. G. XVIII) ist die A. R. um  $+ 22^s$  corrigirt.
- 5450 Prof. Kapteyn glaubt dass der Unterscheid zwischen A. N. und Phot. D. M. nicht durch einen Fehler in der Phot. D. M. erklärt werden kann.
- 5457 Durch Mikrometer-Anschluss an B. D.  $+ 12^{\circ}$ , 4586 = Weisse<sub>1</sub> 178 von Kam in Leiden 1892 Aug. bestimmt.
- 5466 M<sub>1</sub> 27952 giebt 1875.0:  $21^h 12^m 16^s.90 - 2^{\circ} 40' 32''.9$ ; die Decl. des Münchener Catalogs ist also um  $+ 1'$  zu corrigiren.
- 5497 Die verschiedenen Quellen erfordern eine Correction der Königsberger Decl. um  $- 10''$ ; diese Berichtigung, durch eine briefliche Mittheilung von Dr. Knorre bestätigt, ist an die Beobachtung angebracht.
- 5508 Die A. R. ist um  $- 8^s$  corrigirt nach Romberg's Bemerkung (Publ. A. G. XVIII); die A. R. von M<sub>2</sub> 11586 ist  $0^s.88$  kleiner.
- 5525 Nach A. N. 86 384 ist die A. R. um  $+ 10^m$  corrigirt.
- 5527 Die neue Reduction der Leidener Beobachtung ergab die Declination  $7''.2$  nördlicher.

- Nr.
- 5547 Die Correction von  $+1'$  wird bestätigt durch Yarnall 9652  $20^h 24^m 47^s.40 - 9^\circ 17' 28''.1$ ;  $9^m.8$ , durch  $M_1$  28640  $20^h 24^m 47^s.33 - 9^\circ 17' 27''.2$ ;  $10^m$ , und durch eine briefliche Mittheilung von Dr. Knorre.
- 5593 Die verglichenen Quellen scheinen für die Decl. von Arg. Weiss 169 $^\circ$  von  $-10''$  zu erfordern.
- 5596  $\Sigma$  2813. Die Leipziger Beob. giebt für die Helligkeit der Comes  $8^m.6$ , die Entfernung  $7''$ , Pos.winkel  $280^\circ$ ; Helsingfors A. G. C. hat für praec.  $11^s.02$ ,  $40''.3$ ; Pulkowa Cat. 1875.0 4919 hat für seq.  $12^s.39$ ,  $39''.5$ ;  $9^m.0$ .
- 5603 B. B. VI hat  $21^h 33^m 51^s.25 - 7^\circ 32' 23''.3$ , 2 Beob. Die Leidener Meridianbeobachtungen, deren Reduction fehlerfrei ist, und die Karlsruher Beob. erfordern für B. B. VI eine Correction von  $-2^s$ .
- 5605  $\Sigma$  2816. Nach A. N. Triplex (in Wolken beob.).
- 5613 In A. N. bemerkt Engelmann bei beiden Beobachtungen: Helligkeit Comes  $8^m.2$  und  $8^m.5$ ; Entfernung ( $15''$ ) und  $9''$ , Positionswinkel  $70^\circ$  und  $60^\circ$ , blass und röthlich. Helsingfors A. G. C. seq. hat  $21^h 36^m 30^s.25 + 57^\circ 0' 59''.7$ ;  $8^m.7$ .
- 5622 B. B. VI S. 333 hat  $21^h 38^m 30^s.85 - 14^\circ 14' 53''.1$ . Die genäherte Decl. von Romberg in Publ. A. G. XVIII ist fehlerhaft; für 1855,0 ist sie anstatt  $-14^\circ 37'.4$ ,  $-14^\circ 20'.4$ .
- 5624 Die Declination in A. N. 67 ist abgeleitet aus Weisse und Lalande, die A. R. ist abgeleitet aus der Beobachtung von Wagner am grossen Ertel'schen Passageninstrumente und den Werthen in den Catalogen von Weisse und Lalande. Weisse, 906 B. Z. 117 und 119 giebt  $21^h 38^m 41^s.01 - 14^\circ 12' 56''.4$ .
- 5632 Eine Position dieses Sterns in Washington beobachtet, A. N. 81 107, ist nicht in diesem Catalog aufgenommen, da sie sich in Yarnall's Catalog 9782 vorfindet.
- 5634 Der Stern ist auch durch Mikrometer-Anschluss an B. D. 4778 von Kam 12 Aug. 1892 in Leiden bestimmt; diese genäherte Position ist  $21^h 20^m 42^s.1 + 0^\circ 46'.6$ .
- 5637 Die Position in B. B. VI Ep. 1853.82 weicht in A. R.  $2^s.58$ , in Decl.  $8''.9$  von der Position in A. N. ab. B. D. 4542 giebt  $21^h 41^m 59^s.1 + 1^\circ 15'.2$ , also in Uebereinstimmung mit A. N.
- 5642 Cambr. (Eng.) A. G. C. 12907 hat  $28^s.68$ ,  $55''.5$ , 7 Beob.
- 5645 Durch Mikrometer-Anschluss an B. D.  $+1^\circ 45'46''$ , 5647 dieses Catalogs, von Wilterdink 1892 Oct. 12 bestimmt.
- 5654  $\Sigma$  2830. Engelmann bemerkt in A. N. „in Wolken“. Albany A. G. C. erwähnt keine Duplicität. Struve Cat. Gen. hat Simplex  $8.0$ ,  $21^h 44^m 50^s.88$ ,  $2^\circ 31' 22''.1$  rej.
- 5664 Cambridge (Engl.) A. G. C. 12983  $21^h 48^m 34^s.02 + 29^\circ 23' 26''.5$ , Epoche 1884.1, 3 Beob.
- 5675-77 Albany und Glasgow erwähnen keine Duplicität. Göttingen hat duplex sequens.
- 5678 In Dorpat Vol. XVII Seite (30) ist in der Col. Var. annua statt  $0^s.7300 + 0^s.7275$  und in der Col. M. Decl. 1875.0 statt  $72^\circ$ ,  $73^\circ$  zu lesen.
- 5683 Dieser Stern ist nicht identisch mit B. D.  $+29^\circ$ , 4548. Beide Sterne befinden sich in Cambridge (Engl.) A. G. C.

- Nr.
- 5692 Cambrigde (Fool) A. G. C. hat  $21^h 53^m 37^s.66 + 29^\circ 56' 4.4$ . 3 Beob.
- 5708 Nach brieflicher Mittheilung von Dr. J. Palisa soll die Position in den A. N. statt  $21^h 59^m 22^s.07 - 13^\circ 37'$   $21^h 57^m 22^s.05 - 13^\circ 37' 28''.0$ , wie in diesem Cataloge angenommen ist. Dr. Palisa bemerkt, merkwürdigerweise unterschätzt ist, und die Möglichkeit nicht ausgeschlossen ist, dass die Secunden der Declination nach der ursprünglichen Leseart in den A. N. nämlich  $18''.0$  seien. Der Stern findet sich auch Lalande 42999, Weisse 1300.
- 5716 Nach Berl. A. G. C. 9017  $24^s.09, 49''.5$ . Epoche 1870.2. 2 Beob. E. B.  $+ 0^s.0130 - 0''.122$ .
- 5724 Nach brieflicher Mittheilung von Dr. J. Palisa ist statt  $21^h 59^m 40^s.58 - 13^\circ 11' 40''.2$  zu lesen  $21^h 59^m 40^s.57 - 13^\circ 21' 40''.9$ .
- 5733 Nach Romberg's Note, Publ. XVIII A. G., hat B. D.  $- 3^\circ, 5387$  bei passender Decl. eine A. R.  $23^s$  grösser als der Stern in A. N. Wilterdink in Leiden fand einen Stern (nicht in B. D. vorkommend) welcher auf gleicher Declination die Position in A. N. um  $15^s$  vorangeht. Dr. Peter in Leipzig fand in den Tagebüchern dass die Beobachtung dem Planeten Asia angehört. Dieser Nummer ist also zu streichen.
- 5734 An dem in den A. N. angezeigten Orte findet sich kein Stern dieser Grösse. Wird jedoch die A. R. um  $+ 1^m$  corrigirt, so stimmt der Ort mit Cordoba G. C.,  $M_1$  30278  $2^s.87, 38''.2$ ;  $8^m$ , Weisse<sub>1</sub> 1246 B. Z. 117 und 119  $3^s.33, 39''.3$ ;  $7^m$ , Santini<sub>4</sub> 2072  $2^s.88, 38''.9$ ;  $7^m$ .
- 5736 Der Ort in A. N. ist das Mittel der Positionen von Rümker A. N. 35 255, Bessel und Washington, A. N. 81 176, und Meridianbeobachtung in Kremsmünster. Siehe auch Kam 4422.
- 5738 Rombergs Correction von  $- 1^\circ$ , Publ. A. G. XVIII, wird durch briefliche Mittheilung von Dr. Holetschek bestätigt. Die Beob. ist jedoch wegen Schwäche des Objects wenig sicher. Auwers Berlin A. G. C. 9048 hat  $11^s.47, 8''.9$ ; Epoche 1870.5, 3 Beobachtungen.
- 5750 Dieser Stern fehlt nach Romberg Publ. A. G. XVIII S. 52 in dem Pulkowaer Cataloge und soll identisch sein mit B. D. 1727; diese Angabe ist fehlerhaft; anstatt 1727 ist 1726 zu lesen. Ferner findet man in Catalogue des étoiles observées occasionellement Pulk. Obs. Vol. VIII N<sup>o</sup>. 1283 ein Stern dessen Position  $22^h 5^m 48^s.61 + 65^\circ 41' 29''.5$ ;  $8^m.4$ , ganz übereinstimmend mit Christiania A. G. C. 3534, aber in Declination  $1'$  von A. N. 88 abweichend. Vermuthlich ist also A. N. 88 und Romberg Publ. A. G. XVIII S. 52 um  $+ 1'$  zu corrigiren. Diese Correctur ist in diesem Cataloge angebracht, und wenn sie richtig ist, ist N<sup>o</sup>. 5750, als identisch mit einem im Cat. des étoiles observées occasionellement, zu streichen.
- 5756 A. N. bemerkt  $\Sigma$  2876. Begleiter  $9^m.0$ , Entfernung  $8''$ , Positionswinkel  $55^\circ$ .
- 5759 Die von Romberg angegebene Correctur, Publ. XVIII der A. G., wird von den verglichenen Quellen bestätigt.
- 5772 A. N. bemerkt bei der ersten Beob. Begl.  $9^m.0$  Entf.  $3''$ , Positionswinkel  $135^\circ$ , bei der zweiten, Begl.  $9^m.2$  Entf.  $1''.5$ , Positionswinkel  $300^\circ$ ? Struve, Mens. Micr. hat  $\Sigma$  2882 Entf.  $3''.22$  Pos. winkel  $326^\circ$  Lund A. G. Z. gilt für med. Pos. Med. hat 2687 med.  $9.3$  und  $9.5$   $22^h 8^m 49^s.65 + 37^\circ 7' 34''.4$ .
- 5798 Die Correction der Decl. um  $1'$  wird auch erfordert von Göttingen Cat. I 6174—5,  $22^h 13^m 13^s.35 - 1^\circ 13' 26''.4$ ;  $8^m.8$ .



- Nr.
- 5818 Leipzig A. G. C. 11251 hat  $22^h$  .  
zur Berliner Karte Hora XXII N<sup>o</sup>. 18 giebt in  
den verschiedenen Quellen geht hervor dass A. R. Verzeichniss  
hert). Aus
- 5827 Nach brieflicher Mittheilung von Dr. J. Palisa ist A. N. um
- 5839 Mikrometer-Anschluss von Herrn Wilterdink Oct. 1892 in Leide. Jat. 1875.0  
N<sup>o</sup>. 5157.
- 5841 Mikrometer-Anschluss von Herrn Wilterdink Oct. 1892 in Leiden an B. 500 = Weisse<sub>2</sub>  
XXII 413 B. Z. 377.
- 5851 Mikrometer-Anschluss an B. D. +  $33^\circ$ , 4500 = Weisse<sub>2</sub> XXII 413, B. Z. 377 von Wilterdink in Leiden  
Oct. 1892.
- 5877 Die A. R. in A. N. 111 S. 292 ist  $6^s.84$  zu klein, wie sich ergibt aus der Vergleichung mit der  
Wiener Beobachtung des Planeten (238) am 24 Aug. 1884 mit der Ephemeride im Berliner Circular  
N<sup>o</sup>. 233. A. N. 112 257 stimmt in Decl. genau mit A. N. 72 doch ist in A. R.  $0^s.03$  grösser.
- 5937 Romberg's Correctur der Decl. um  $-1'$ , Publ. A. G. XVIII, wird durch die Leidener Mer. Beobachtung  
und durch die anderen Quellen bestätigt.
- 5940 Die verglichenen Quellen und M<sub>1</sub> 31572  $22^h 41^m 54^s.68 - 8^\circ 5' 34''.0$ ;  $9^m$  erfordern die Correction in  
Declination um  $-2'$ .
- 5968 Kam 4616—7 hat  $22^h 47^m 8^s.18 - 6^\circ 46' 22''.1$ ;  $8^m.9$ ; die Declination in B. B. VI. S. 334 ist  $1'$  süd-  
licher als in den anderen Catalogen; dieser Werth ist also um  $+1'$  zu corrigiren.
- 5989 Die A. R. in den A. N ist nach brieflicher Mittheilung von Bakhuyzen um  $-2^s.70$  corrigirt.
- 5990 Die Richtigkeit dieser Position, obwohl nirgends verzeichnet, wird angezeigt durch die befriedigende  
Uebereinstimmung der Positionen von Comet Wolf 1884, 19 Nov. 1884, in Göttingen und in  
Ougrée bestimmt, von welcher die erstere auf einen anderen Vergleichstern beruht. Pannekoek in  
Leiden fand 1899 Juli 17 durch Mikrometer-Anschluss an B. D.  $-2^\circ 58'56'' = M_2$  12758 einen Stern  
 $22^h 51^m 7^s.9 - 2^\circ 39'.2$ ;  $10^m.5$  also übereinstimmend mit A. N.
- 6038 Wash. Obs. 1886 N<sup>o</sup>. 678  $57^s.04, 48''.4$ . Aus den Wash. Beob. geht die Richtigkeit der angebrachte  
Correction von  $-1^m$  hervor.
- 6047 M<sub>1</sub> hat  $38^s.60, 42''.8$ ;  $10^m$ . M<sub>2</sub>  $38^s.68, 42''.9$ ;  $9^m.7$ . Weisse<sub>1</sub> 1240 ist also vermuthlich um  $-10''$  zu  
corrigiren.
- 6056 In Albany A. G. C. 7976 sind die Grössenschätzungen 7.7, 7.5, 6.7, 6.5; vielleicht veränderlich.
- 6062 Die Correction  $-1'$  nach Romberg, Publ. A. G. XVIII, wird bestätigt durch die entsprechende Ber-  
liner Beobachtung der Austria (136) 1875 Nov. 2, A. N. 88 37, welche mit der richtigen Decl. reducirt ist.
- 6072 Washington Obs. 1880 S. 195 N<sup>o</sup>. 949  $23^h 3^m 14^s.48, 0^\circ 52' 30''.8$ .
- 6098 Der Unterschied zwischen den Declinationen in A. N. und Weisse<sub>1</sub> ist  $12''$ ; die Position aus B. D.  
ist  $12^s.6, 28'.3$ , also etwas näher an Kremsmünster.
- 6151 Im Pulk. Cat. 1875.0 ist bei N<sup>o</sup>. 5416 die Var. Saec. in A. R.  $-0^s.0083$  statt  $-0^s.0077$ .
- 6161 E. B. +  $0^s.0004 + 0''.043$  nach Bonn, +  $0^s.022 + 0''.02$  nach Porter Prop. Mot. 1298.

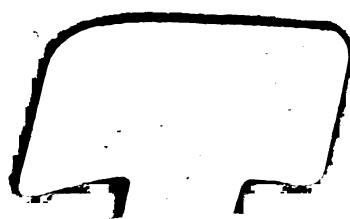
- 6167  $243 - 0''.180$  nach Glasgow. Cat. II,
- 617  $23^h 15^m 2^s.77 + 0^\circ 55' 18''.8$ ;  $10^m$ , ferner durch die  
und 18 October 1871.
- 6182  $0.030 + 0''.18$ .
- 6226 De. Cat. gefunden. Die Richtigkeit der Position geht jedoch hervor aus die  
Uebe. Berliner Meridian- und Refractor-Beobachtung des Planeten Austria 6 Sept.  
1875 cl. A. N. 88 S. 31 und 38. Die Refractor-Beob. reducirt auf die Culminationszeit des Planeten  
gibt  $23^h 24^m 2^s.57 + 2^\circ 8' 2''.5$ , die Meridian-Beobachtung  $2^s.44, 1''.2$ . Durch Mikrometer-Anschluss  
an Albany A. G. C. 8064 fand Pannekoek in Leiden 17 Juli 1899  $23^h 23^m 46^s.6 + 2^\circ 9'.0$ .
- 6240 Cambridge (Enge) A. G. C. 14142  $3^s.28, 49''.4$ ;  $8^m.2$ ; Ep. 80.1, 9 Beob.
- 6241 Die Washingtoner R. A.  $0^s.76$  kleiner als A. N. beruht auf 3 Beobachtungen und stimmt besser als  
Kremsmünster mit B. D. —  $12^\circ 65' 13''$ :  $23^h 26^m 9^s.6$ . Vermuthlich ist also die A. R. von Kremsmünster  
fehlerhaft.
- 6248 Wird Washington getrennt von Yarnall und Greenwich, so ist nach den Wash. Beob. der Ort  
 $23^h 27^m 43^s.44, - 1^\circ 56' 13''.9$ .
- 6271 Der Stern ist nicht in Weisse aufgenommen. Catalogue of 644 comparison stars, Publ. Carleton obser-  
vatory Northfield, 631 hat  $23^h 30^m 19^s.37 - 3^\circ 39' 12''.4$ ;  $8^m.1$
- 6288 Nach brieflicher Mittheilung von Dr. Knorre ist die A. R. nach A. N. um  $+ 0^s.05$  corrigirt. Weisse,  
672 hat  $50^s.52, 53''.4$ .
- 6294 Nach brieflicher Mittheilung von Dr. Knorre ist die Decl. der A. N. um  $- 15''.9$  corrigirt.
- 6334 Zwischen der Hamburger Decl. in A. N. und Pulkowa Cat. 1875.0 N<sup>o</sup>. 5555 zeigte sich ein Unter-  
schied von etwa  $40''$ . Dr. E. F. van de Sande Bakhuyzen beobachtete den Stern am Meridiankreise  
Sept. 1893 und fand als genäherten Ort  $23^h 40^m 7^s.2 - 13^\circ 26' 56''.5$ . Die Pulkowaer Declination ist  
daher unrichtig.
- 6336 Von Dr. E. F. van de Sande Bakhuyzen 1893 Nov. 9 am Meridiankreis bestimmt.
- 6369 Cambridge (Engl.) A. G. C. 14312  $23^h 44^m 5^s.04, 28^\circ 39' 19''.4$ ;  $9^m.4$  4 Beob. Die Berliner Declination  
A. N. 81 scheint also um  $10''$  fehlerhaft.
- 6371 Santini, 2224 hat  $23^h 44^m 28^s.68 - 13^\circ 21' 1''.9$ ;  $9^m$ , die Declination bei Santini ist also um  $- 10'$  zu  
corrigiren.
- 6396 Karlsruhe Beob. Heft II S. 213 hat  $23^h 48^m 43^s.06 - 5^\circ 22' 0''.2$ ;  $7^m.5$ , Heft IV S. 169 hat dagegen  
 $42^s.89, 21' 47''.9$ . Es scheint also dass die Declination in Heft II um  $12''$  falsch ist.
- 6430 Cambridge Engl. A. G. C 14396  $23^h 54^m 6^s.72 + 27^\circ 58' 50''.9$ , 3 Beob. Die Declination von Kremsmünster  
A. N.  $11''.4$  von Cambridge abweichend, scheint also  $10''$  fehlerhaft.







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